

NITTH Mesley, Susan T. Waternouse, Peter Helliwell, Christopher A. <12]> Method and means for producing efficient silencing constructs using recombinational cloning K130N HELLIGA K1600 26 Raing - PatentIn version 3.1 K210 : 1 K211 : 25 K212 : DNA K213 : Artificial sequence .220 . - 223 - core sequence of recombination site attBl 400 - 1 25 .gcc-gcttt tttgtacaaa cttgt -210 - 2 -211 - 25 -212 - DNA -213 - Artificial sequence · 220 · + 223 + core sequence of recombination site attB2 · 40(· 2 25 igochgottt ottgtacaaa ottgt .216. 3 H211 · 25 -:21: Artificial sequence .:22 . $\pm 22 \cdot \cdot$ gore sequence of recombination site attB3 <40 → 3 25 socingottt ottgtacaaa ottgt <210> 4 <211> 25 <212> DNA <213> Artificial seguence <2212

<.1235	core sequence of recommonation site attAl	
н :01° упрежу:	d Siit ittyiseaaa suugi	2.5
\$ 223°	Antificial sequence	
. 120: . 123:	core sequence of recombination site attR2	
:##arig	-8 otiti otigtapaaa otigt	25
211	6 25	
212 · 213 ·	DNA Artificial sequence	
· 220 · 223 ·	core sequence of recombination site attR3	
400 · :ttclig	6 Ottt ottgtacaaa gttgg	25
· 210 · · 211 ·		
- 212 · - 213 ·	DNA Artificial sequence	
- 220 - - 223 -	core sequence of recombination site attL1	
.400 · ≝gaatig	7 gottt titgtacaaa gtigg	25
- 21(-		
· 211 · · 212 · 213 ·		
- 22(· 22: ·	core sequence of recombination site attL2	
- 40° - agost	8 gottt ottgtacaaa gitgg	25
+:211> +:211> +:212>		
::212> ::213>	Artificial sequence	
(221× (223×	ocre sequence of recombination site attl3	

```
441.25
                                                                           15
appraints of Hadaa (FIGA
KOLIV DI
KOLIV LE
KOLIV DWA
KOLIV Aptificial seguence
K220>
K223> | dore sequence of recombination site attP1
<4005 10
                                                                           25
ditoadotit litigiacaaa giiqg
K210X
K211X
K212X
K213X
        EZZ
       Artificial sequence
+12201+
:223: core sequence of recombination site attP2,P3
-:400 · 11
                                                                           25
 itto:gottt ottgtacaaa gttgg
-:210 · 12
.:211 -
        1188
4212 · DNA
4213 · Artificial sequence
∹220 •
pprox 223 + cDNA sequence of the Arabidopsis thaliana chalcone synthase codin
        g region
 ₹400 ⋅ 12
 itggtgatgg ctggtgcttc ttctttggat gagatcagac aggctcagag agctgatgga
                                                                           50
 petgeaggea tettggetat tggeactget aaccetgaga accatgtget teaggeggag
                                                                           100
                                                                           191
 tateotgaet actaetteeg cateaceaae agtgaacaea tgaeegaeet caaggagaag
 ttcaagogca tgtgegacaa gtcgacaatt eggaaacgtc acatgcatct gacggaggaa
 troctcaagg aaaacccaca catgtgtgct tacatggctc cttctctgga caccagacag
 pacatogtgg tggtogaagt coctaagota ggcaaagaag cggcagtgaa ggccatcaag
                                                                           36.
                                                                           420
 gagiggggcc ageccaagic aaagateact catgiogtet teigeactae eteeggegite
                                                                           4-1
 gacatgootg gigotgacta coagotoaco aagottoitg giotoogico itoogicaag
 ogtotoatga igiacoagoa aggitgotto googgoggta otgicotoog tatogotaag
                                                                           \mathbb{S} \subseteq \mathbb{I}
 gatistogoog agaacaacog tiggagcacgt grootogitg teligototga gatoacaged
                                                                           (5.0.1)
 gttacottcd giggtocotc tgacacceae ettgactece tegteggtea ggetettite
                                                                           660
 agtgatggog cogcogoact cattgtgggg toggaccotg acacatotgt cggagagaaa
                                                                           7.25
 cocatotiti agatggigte igeogotoag accatectic cagacietga iggigecata
                                                                           730
 gaoggacati tgagggaagt tggtotoaco ttocatotoc tcaaggatgt tocoggooto
                                                                           840
 atotocaaga abattgtgaa gagtotagac gaagegttta aacetttggg gataagtgac
                                                                           900
 tggaaotoos tottotggat agoocacoot ggaggtocag cgatootaga ocaggtggag
                                                                           967
                                                                          1020
 atáaagotag gastaaágga agagaagatg agggogacao gtoacgtgit gagogagtat
 ggaaabatgi bgagogogig ogtiototto atabiagaog agatgaggag gaagibagot
                                                                          1080
                                                                          1140
 aaggatggig tágósasgas aaggagaaggg ttggagiggā gigtottáti iggittogga
                                                                          1188
 coaggeoloa ciguegação aglogucitis cacagogito otocotaa
```

<211> 13

```
<:11> 16691
kpink DNA
kpink Artificial sequence
S... :
R... - Addeptor vector pHELLSGATE
k...
k... misc_feature
k... [7922 ... 9985]
k... spectinomycin resistance
>:[_: + (11674)..(13019)
>:[_: + CaMV35S promoter fragment
..... misc_feature
..... (17610)..(16355)
 -::: ccdB selection marker (complement)
 .11: attP2 recombination site (complement)
 .::..
.::: misc_feature
.::: (15:02)..(15661)
.::: chloramphenicol resistance gene
 .:::.
.::: misc_feature
.::: (14387)..(14619)
.:: attP2 recombination site
 :.:::
::::: misc_feature
::::: (13675)..(13980)
::::: cdd selection marker (complement)
 . . . .
 <223> attPl recombination site
```

:

```
K111 - miss_feature
        17902 .. 18687
<2222 •
K023 - cotopine synthase gene terminator region
<223 - nopaline synthase gene promoter
<220 :
4221 : misc_feature
4222 : (497)..(1442)
4223 : nptII coding region</pre>
%221 · misc_feature
%222 · (1443)..(2148)
</p
-:22C ·
-:221 · misc_feature
\times 222 \cdot (214\overline{9}) \dots (2706)
4223 · a left T-IMA border region
+401 · 13
jjocqcacta gtgatatose geggesatgg eggeegggag catgegaegt egggeecaat
togoloctata grgagiogia tracaattoa erggeegreg tittacaaeg regrgacigg
 jaasaccotg gogttaubca acttaatogo etigoagcae atcepeetti egecagetgg
 lytaatagod äagaggoodg cabogatogo octfoccaac agttyogoag octgaatggc
                                                                        243
 gaat gaaat tghaaasgti aatgigttic tggagtttaa tgagstaags asataogisa
                                                                        300
 gaaascatta tigogogitto aaaagtogoo taaggtoact atcagotago aaatatttot
 tytoaaaaat gotooabtga ogttooataa attoocotog gtatobaatt agagtotoat
                                                                        4.00
 attoactoto aatopaaata atotgoaatg goaattacet tatoogoaac ttoittacot
 attt segene ggatenggge aggiteteeg goegettgag tggagagget atteggetat
 jact jagoan aasagabaat oggotgotot gatgoogoog tgittooggot gtoadogoag
 jggogboogg ttottittgt caagabogae etgiboggig ceetgaatga actgeaggae
                                                                        660
321
 gagdcagogc ggotatogtg gotggocacg acgggogtto ottgogcago tgtgotogac
                                                                        080
 gridicabig aagogggaag ggabtggotg stattgggog aagtgboggg gbaggatoto
 orgreators acorrated typogagada gratecated tygorgatys daryogyogy
                                                                        340
 stguatacys tigatingys taccigosca tingancaco aagogaaana tognatogag
                                                                        900
 ogașoacgia otoggatiga agooggisti giogatoagg aigaictyga cgaajagcat
                                                                        960
 cagagotoj egecajecga actottogos aggeteaajo egecatose egacagogaj
                                                                       1710
 gathtogtog tgamonatgy ogatgootgo tigocyaata thatggtiga aaatigoogo
                                                                       1000
 ttttotggat toatogastg tggcoggstg ggtgtggcgg assgstatsa ggasatagog
                                                                       1140
 ttg atacos gtgatattgs tgaagagstt ggsggsgaat gggctgassg cttostogtg
                                                                       1.77
 ettiacggta tegespetes egattegsag egeategest tetategest tettgadgag
                                                                      10.00
 tto:totgaj ogggastotg gggttogaaa tgasogadsa agogasgoso aacotgosat
                                                                       1370
 cacaagatti cgattocace googcottot atgaaaggtt gggettegga ategtittes
                                                                       13-0
 gggacgccgg ctggatgate stocagcgcg gggatetsat gstggagtte ttsgscsacs
                                                                       1:4
 cogatocaas acttacottt gcaacotcca agagcaaata gassasgaac gcsoggaaggt
                                                                       1500
 tgergrageg tgtggaftge gteteaatte tétettgeag gaatgraatg átgaatatga
                                                                       1:63
 tactgactat gaaactttga gggaatactg cotagoaccg toacctoata acgtgoatca
                                                                       1600
 tgourgeoot gacaacatgg aacatogota tittitotgaa gaattatgot ogitiggagga
                                                                       16:0
 tgt:goggca attgcagota ttgccaacat cgaactacco otcacgcatg cattcatcaa
                                                                       1740
 tattattoat goggggaaag goaagattaa tooaactggo aaatoatooa gogtgattgg
                                                                       1:10
 taanttoagt todagogadt igatiogttt tygtgotado dadyttttda ataaggadga
                                                                        1960
 gatggtggag taaagaagga gtgcgtcgaa gcagatcgtt caaacatttg gcaataaagt
                                                                        1910
 ttottaagat tgaatootgt tgooggtott gogatgatta toatataatt totgttgaat
                                                                        19:0
 taogttaags atgtaataat taacatgtaa tgcatgaogt tatttatgag atgggtéttt
                                                                        2040
 atgattagag topogoaatt atacatitaa tacgogatag aaaacaaaat atagogogoa
```

		totatgttac	tagatogaat '	taattocagg	2160
		,	aagaaaaaacc		2220
	ttgooogtot			tacaccacaa	2280
	-		-		2340
tatatuotgo caccagocag	ocaacagoto.		2 2 1	āāāātJāDDā	2010
		ggogtoagog		tgtaaggogg	4400
pagaptutgo toatgttado		ggaagaacgg	caactaagct	googggtttg	∠ → C ∪
	agggtagcat			agogttgotg	2520
-		gatoogaatt		ttattoattt	2580
			-	aggaaatogo	2640
	tgtogatott	gagaactatg	-	aggualis. agttgacgat	2700
	gotgagtggo	gotatttott			2760
gtogaoggat ottttoogot	gcataaccct	gerreggggt		attititigg	2820
	cgatatacag	gattttgcca		gtagactttc	
	cagoogggca	ggataggtga	agtaggesea	pacgagagag	2880
2 2 2	cottattogo	acctggnggt	gotoaacggg	aatcotgoto	2940
	googgogtaa	cagatgaggg	baagogdatg	gotgatgaaa	3010
		tactgattta		gtgtttttga	3060
	getgecaact		gttcaqutac		3121
	ttctatcage	tgtedeteat			31:0
gtgcgtaacg gcaaaagcac	cgccggacat	cagogotato	totgototca		3240
acatggcaac tgcagttcac	ttacaccgct	totcaacccq	gtacgcacca		
gatatogoda tgaatggogt	tggatgccgg	gcaacadccc	qcatta1ggg		33.
	aaaaaactca	ggccgcwgtc	ggtaacctcq	ogcatacago -	3363
agggeagtga agteategte		tggacgaaca	atgggaatat	gtoggggdta	341.
aatogogoca gogotgqotg	tttacacat.	atdabadtot	coggaaqacq		34:1
aactycycoa gogotygocy	ataacaacac	-aaaacatet	tatgagbotg	ctgtcaccct	3 5 4 5
acgtattcgg tgaacgcact		299930300	tgaatousgo	ot daadadaa	3610
ttgacqiqgt gatatqgatq		ggcogcogca	zgaactoogo	atasstatas	366
agotgoabgt aatbagbaag			goggoataac		3720
ggbagcaest ggbacggstg	ggacggaagt	agatgtagtt	otcaaaatog		3780
atgabaaagt batogggbat	tatotgasca	taaaacacta	tcaataagtt		
occasboagg aagggcagoo	cacctaticaa	ggtgtabtgb	ottocagacy	aacgaagagc	3840
gattqaqqaa aaggoggogg	oggeoggeat	gagestiteg	gootacotgo	tggdagtagg	3901
coaggistae aaaatbaegg	gogtogtgga	Statgagoac	gtodgogago	tggcccgcat	3960
	tgggaggaat	gotgaaacto	tggotoacog		4 1
	ncacgaticat	egocotgotg	gogaagatog		4980
papgragegg ttoggtgatg			· -	catgactitt	4140
	tgatgggdgt	gatoogoog		atgogotoca	4233
htagbugota aaabggbogg		tgattgccaa	goalogtocoo		4260
toaagaagag ogaottogog	gagotggtat	togtqdaggg	caagattogg	aataccaagt	4320
acgajaagga cggccajacg	gtotaoggga	obgasttsat	tgoogataag	gtggattato	
tggataccaa ggcaccaggo	gggtbaaatd	aggaataagg	gbabattgbb	peggegtjag	4380
toggggaaat bobgoaagga		atoggaogtt	tgaboggaag	geatacagge	4440
aagaastgat sgasgsgggg		aggatgccga		agoogbacog	4500
		ciątogącia		caagotacgg	4960
tbatgogtgo gobocgogaa Spaajatoga gogogabago	ים בכבסבטבות	- - - - - - - - - - - - - -	notabbaaaa		$4 \in \! 10$
Codadarona honorana	gtgcaassgg	recereer	- tttmmmmaam	frdatjanja	$4 \pm 2 \%$
sogtggagog ttogogtogt	oroganoayy	233-33-223	י ביי דרי דרי דרי	- mainot nonala	4745
togadacycy aggaactaty	acgabbaaga	agugaaaa	2922932929	320001333222 32001333222	4900
aacaggtoag ogaggocaag	caggoogogt	tgot gaaaba	ngngaagrag	- Jayat Jaayy	4860
agatizaizt ttosttotto	gatattgogo	- ogtiggdogga	cacgatgoga	할 이탈로 되었다고 하다	
appadadada degetetgee	stgttbabba	ogogbaadaa	gasastoccg	ogogaggaga	4,92,0
tadaaaadaa qqtqatttto	cacdtcaaca	aggacgtgaa	gatbacctab	3003030300	4960
agetyeggge egaegatgae	daactdqtdt	ggcagcaggt	gttggagtac	gogaagogoa	5/40
secesatog egageogato	accttcacat	totacdagot	ttqccaqqac	otgggotggt	5100
ogatesatgg coggtattac	renneance	arraatoost	atororosta	caddodacad	5160
againaang coggranda	acgaigging	aggaacgee	- adtatranta	ntababbact	5220
cgatgggett cacgteegae			222222222	- dandaddaaa	5 D A D
toogratoot ggacogtago	aayaaaa Jt	- coogstycoa	3900003300	4000000000	5340
togtogtgot gittgotggo	gaccastasa	egaaatteat	argygagaag	- caucycaayu	£41)
tgtogoogao ggoodgaogg	atgttogact	atttpagete	gcabogggag	- coglacuogu	
+ caaddtdda aaddttdddd	ctcatqtqcq	- gatoggatto	gadodgdgtg	aagasguggu	54E)
dedadeadat eddedaagee	tgcgaagagt	tgcgaggcag	aggeetägtg	gaadadgddi	8820
gggtcaatga tgacctggtg	cattgcaaac	: gctagggcct	tgtggggtca	ârracâdar î	5540
ggggttcagc agccagcgct	ttaciddcat	ttcaggaaca	agegggeact	gotogaogoa	5840
cttgottogo toagtatogo	- togggaogoa	. caacacacto	tacqaactqc	cgataaacag	E 7 00
aggattaaaa ttgasaattg		toadattoda	caasttaaaa	eggeegaegat	5.7.60
addarradaa tidaraarid			- , , 5 5 7 5		

_

macametro, anomementos mentatodas octabaçãas gotocagaga tythoggato	5821
- guadgaueue egegagaeur gariir iii. Lestungeto not daanaat tandadatad	5880
- ogtobaogag Jaujajjaja aadagooda i gameelija in manaman maaabadda	5940
- bgtggdattd gguguulaua lugadgguga galaabaaaa areeradaa adaacaa	6000
ggaoggood aaggabguu augggogod uurugg	6060
- Addaddooda Adddoodood Goardnador Anaabaahara ooddaabaar - cobooddood	6120
gatgatogto ligadagallo badogggado biggital atomonoggo monogggogg	6180
aptiaatati togotatioi ggagotigti guulalluug guodaugun eggagotit	6240
agtogoggog abggtaggog otgtgoagoo gotgatggto gugutoaboo ougogotog	6300
- arrandtado codatacqat tgatggoggt duuqggggguu allugogogguu bogosssiil	6360
grantatta gtattaabab baaabgbagb gotagabbbb geoggegoog bagbagasbe	6420
dadagagaga gertadarga agetaggaad agegatgada agaanagaa mameadage	6430
- rantatatata apotitappa petggsaapt ggoggdogga ggadeedegd togedoodge	6540
- agnittagto titogatoogo daatooogat gududdayya addadagtoo dagaan ja	6610
- Errantagga atgataggag addatttaac otacttodoo oggotoogga agactoogaa	6660
- tatagon ant anamttottt ochtactdad dibbbbbage egggareggeg eramphili	67.13
	6790
	6÷ 4 I
	6917
	624 J
- This was an additional traductions of Collocaded adequations as a colliner	701
- Illingfara antagagagaa coccadadda Cididadaayaa ayoogggess wa	71 ± 1
	7:11
	719 ' 7190
	71.60 71.60
	7320 7380
- Fritz Stage agadeagata Cuunia augaudagaa eesta eesta ii ii ii ii ii	
	7440 7500
annyangato officatoff fictacidada cocacagoco agragadasa adassas,	7560 7620
traceasttt terteatman affatcaaaa duuduutud oolugussis sistemmini	7680
	7940
	7:40 7:10
- two of occording additional additional control of the control of	7383
	7929
	7.38.0
	8040
	8100
annarataren magaeattire aticcualda Cuducucacu guudgudaag asaas s	8160
TIPE AND AND AND THE TRANSPORT OF THE CONTROL OF THE TRANSPORT OF THE TRAN	8111
the action detactor of matgaada CECEGOUGULUGO Calaggogiado codesagados	8250
	8340
antiated to reache an inaddiad digadebyby cabagists a committee of	8400
managatar resoftasara dalageteet Luquatabya teagagatab dadayaman	9460
The production of the constitution of the cons	4520
	9580
	8640
	8780
	8761
	8 8 2 0
	8 = 5
	9 - 8949
	9.24.2 9. 1
	7: : 3(6)
	9120 9120
- Farkagaatt ootassaada attiatitud uuuuluudda yaddaaa aa osaa saa	7127 7180
at agranged restraineth dedalloaded addividury courtings your	9240
	7290 7300
	2360 2360
	2420
agaajatugu tuggutugu gogaaataatg totaabaatt ogtibaagoo gabgoogott.	_ 7 4 0

,• ,

c	
	9480
ogoggogogg ottaaotoaa gogttagaga gotggggaag actatgogog atotgttgaa ogoggogogg ottaaotoaa gogttagaga aroggggaag goacttgotg acotgocaat	9540
ogoggogogg ottaaotoaa gogulagaga googgogoag goaottgotg acotgocaat ggoggutota agootoguao tugogatggo atoggggoag goaottgotg acotgocaat 	9801
ggoggiteta agostogtās tigugalggu alleggggang an agastota abgasatīto ogsettagig gaigaageto gietioseta itgastastos esaicoaast abgasatīto ogsettagig gaigaageto gietiosetaa itgastasta adiopatoaa attabgasaā	9660
tyttittägig yatgaagoto gideeddala lyaddadoo oo agiccatcaa attacgacaa toomagcaac tacgacaact ccataagcaa ttacgacaat agiccatcaa attacgacaa toomagcaac tacgacaact ccataagcaa ttacgacaac aatagtogca acggaaatog	9f20
tocaagoaac tacgadaact odalaaguaa coadgadaa afi otorgagago aacraogata atagttoato caarracgad aatagtogoa acggaaatog otorgagago aacraogata atagttoato caarracgad ddotactacg toattgocaa	9780
- ototgagago mactacgata atagototato oddotacgao egotactacg toattigocaa - taggottata tatagogoaa atgggtotog cactitogoc ggotactacg toattigocaa - taggottata tatagogoaa atgggtotog	9840
taggottata tatagogoda algggoolog dubottogod atgttotada occoadaagg caatgggada acgaacttot titocatot tiggodaaaagg atgttotada coccadaaagg	9910
caatgggada acgaadtidi lilloadalo liggodutolgi ggggdattigg togtoataaa ggggogoggo gtotatggog gdaaagatgg gagottolgo ggggdattigg togtoataaa ggggogoggo gtotatggog gdaaagatgg gagottolgo ggggdattigg togtoataaa	9941
ggggogaggo gtotatggog gdaaagalya gagootgaag atoalgtaib taagoaasta tggocaatti togottgood tgacagataa oggootgaag atoalgtaib taagoaasta	10010
tagaceaatti togattaadd lyddagalad dygddagalai tittagagatga gacegttogo gactgatoto taataaaatg tiaagagagatt gactgaceatt tittgagagtaa gacegttogo	10080
	10147
ggoogagggg ggoaconooc troggogtgo goggtoacge gocagggogo agcootggtt gagaaggggg ggoaconooc troggogtgo goggtoacge gccagggogo agcootggtt	102 10
	102()
	10323
	103:3
	1044)
	1051)
gottgtosac atcatolgtg ggaaaloogg galaddon y y y galactolg toaacgoogd ggotggosag otscao;tog coggoogaa togagootgo occtoatotg toaacgoogd ggotggosag otscao;tog	105 € 2
ggotggodag otdoad;tog odggodgaad obgagodda oatotgtoag tgagggodaa googggtgag toggoddot aagtgtoaad googggodda gatgtotogda oacggottog	1000.1
googgetgag toggedicts adjugicaal glodgeoric gtatotogea cacggettog gtattoogeg aggtaticas adogeogog geningogog gageogagog gegaggeaa	
	1065
acggegttte tggegejttt glagggelde dyddygerg etteggatat titegtggag coageceggt gagegtogga aagggtegae atettgetge giteggatat titegtggag coageceggt gagegtogga aagggtegae toggegaag toggegaag	10 '4'
coageceggt gagegtigga daygytegan debety tegesteaga teatretgtg treesegorae agaseeggat gaaggegag arreages gaagtagega caagragate	10800
ttopogodad agadooqqat tgaaqqoqaq acosaqoda ooqaqagaga daagbagatd abggaabttt ggogogtgat gabtggobag gabqtbggob gaaaqagaga daagtboogo	10560
abglaastit ggogogigat gabtygsam galyatitit biggogotiga obabitogo abgattitog abaggogog attiggamb galyatitit biggogotiga obabitogambagago tibutagooga obbayasgag	10920
acquitting anagogroup actualization gaysmin to talegooga consisting gaccongitty agggathaad consisting and the contract of the	10990
gacogogitty agggatiaag coabaylago coabilyadd toogaogitt gagtigttga coaaggigato tititigiaat gotgotoogi ogicaggott toogaogitti gagtigtiga	11046
coasgagato tititigaat gotgottoge ogramaga gaaccotgi ggitigosig acagasgica tratograce gaatgocage acagasgica tratograce gaatgocage tratagacci titaaatato ogriatiota	11100
	11160 11230
	11237
	11340
	11400
	11463
	11520
	11550
	11640
	11700
	11760
	11830
aatotaagot taadajadda gitgotooto toogaaray aa atataagat gastggggtt atataagat chacgttgtg tataaaggto cacatgggg tatataagaattt gssactatta	11830
	11940
qtacsaaggo ggcaaraado qqoqtotoog qaqooqoo qoaaacagac aggttgaact cagaggcaag agcagcagot gacqoqtaca caacaagtca gcaaacaggo ctaacaagco	
cagaggeaay agbagsagot gaegettaaage besagagott tgetaaagge etaacaageb teatoccaa aggagsagot caacteaage besagagott tgetaaagge etaacaageb	
bagcaggtot catbaagacg atotabooga goddouddod bryys sacacagaga acacagaga bcaagaaggt taaagatgca goddaaaaagat toaggactaa ttgcagtatg gabgattbaa ggottgbtto	11.303
beaagaagit taaagatgea gedaaaayaa laagaadaaaa gaagaatteaa jgestgette aagacatast teteaagate agaagtaeta tideaajtatg jaegaatteaa jgestgette aagacatast teteaagaa gatagtteet aetjaaleta	10490
tatoottogo aagaccotto olovalalad ggddgolour i attitigadig atagtgacct togaggotag catggatoto gggococaaa taatgatott attitigadig atagtgacct	

E PERFORMANCE AND ASSETTED TA CASABABA	13140
gttogttgsa acaaattgat gagdaatgot tittttataat godaactttg tadaaaaaaag	13200
- ೬೬೬೬ ರಷ್ಟಕ್ಕ ಅವರಗಳಿಯುವರಿಗೆ ಶಾರಿಗಿದ್ದಾರಿದ್ದಾರಿ ಅರ್ಥಿಕರು ಈಗಳಿಸಿದ್ದಾರೆ ಅರ್ಥಿಕರು	13261
in line ye we excise abeated from labada Calibadu Calibadu Dugale Programma in 1997 in 1997 in 1997 in 1997 in	13321
그는 그는 그는 그는 그는 그는 문장에 되어한 생략한 것이 한 경우를 가지 않는 그는 그는 그를 그리고 살아서 생생한 전략적 전략적 기계를 보고 있다.	
그는 그는 그는 그는 그는 그들을 가는 가지 않는 것이 없는 그는 그는 그는 그는 그는 그를 그렇다. 그 그 그는 그는 그를 그리고 살아 보다 살아보다 살아	13350
- Time,	13440
. Tiili oo	13500
- Tela	13560
tagtostgaa aatualoigu aloadgudsa debuudenti staaaogtga taaagtttot agtogttogg ottoatotgg attitoagoo totataotta otaaaogtga taaagtttot	13620
agrogitogg ditoatoligg abblidages regarding a aggragosid abattratat	13680
agragitagg dispalacyg distriction general agggagestg acattitatat graattiota orginatogae orgonagatta agggagestg reagateade	13740
graattidia digualdgad degodgaddag gargitatt togoggtiggo tgagatbago tooccagaac atcaggtiaa tgaggtittt gatgtcattt togoggtiggo tgagatbago	13800
tadadagaad albayyutuu ayyoyttoo ya aabagaada taggaagaa taalgagaa baattattaa aagataaagg agaaaggaa aattaaaggaagaag	13863
	13920
	139-0
	1404.
- IIII SAAAAA AAFAFAAA FORMORRAABAAA MUUUUUUUU UUUUUUUUUUU OOOUUUUUUU	14110
	1416.
	14220
	14.253
- Intraces addeded as the still for the contract of the contra	1434.
aa gaaagt gggt gggt gggtggtggtggtggtggtggtggtgg	144.
	14461
	14520
egaacaggte actatoagte aasataaaat cattattige catecagetig cageteeteg	
aggaattegg taccedaatt ggtaaggaaa taattattit ettititeet titagtataa	
aggaattogg taroocaatt gytaaggaad taattatatat agttgttata attgtgaaaa aatagttaag tgatgttaat tagtatgatt ataataatat agttgttata attgtgaaaa	14760
aatagttaag tgätgttaat taytatagata atataacaag atataacaag	14800
aatagttaag tgatgttaac taddaagaa acaacatagta atgtaaaaaa atatgacaag aataatttat aaatatattg tttacataaa caacatagta atgtaaaaaa atatgacaag	
tgatgtgtaa gacgaagaag ataaaagttg agagtaagta tattattttt aatgaatttg	14940
atogaacaty taagatyata taoggooggt aagaggttoc aactttcacc ataatgaaat	
- Fattoggggs fiftigagga Chitagaida adaladquab adyuuttaca eyyaassawa	
- Lilingtont and additional transformation of the following control of the contro	
- talkatarata atatarata artificatan di tipatan tibulando di decence del agolada e s	
The second second description and the second	
- thraceacat atagestatt acadtaaaaa CCtdqcctat libbccaaay gyssaacey	
an thick with third of the discount of the dis	
	,
- tataaaaaaaa ataattaata aattabaaca qudocyuqau yayeyyeyya yaasyatsii	
- atawagtaga tabaggathan taaaagacad diddudqidi qoyloo 1999 gogooganii	
- ++ waggetata agastatata pthatatate qqqccccataa caycaalcoc agasaggaa	,
atgaattaaa tattaatgat adductatata taattaaata totatacoat tactaacatat	
taaacaaaat attaaataac aagstaaagt aacaaataat atsaaastaa tagaaacagt	
aatotaatgt aacaaaacat aatotaatge taatataaca aagegcaaga tetateatti	
aatotaatgt aadaaaddi dalbtaatge taddaddaddaddadd tagaaraagtttt tatatagtat tattttcaat caacattett attaattet aaataatact tgtagtttte	a 16141
tatatagtat tatiticaat daabattoote attuatees adaaanatga ataaacaag	g
ttaacttota aatggattga otattaatta aatgaattag togaacatga ataaacaagu	É 1626)
taacatgata gatcatgtca tigtgttatc attgatctta catttggatt gattacagt taacatgata gatcatgtca tigtgttatc attgatctta gagagtggat gattacagt	
gggaaattqg gttcgaaatc gataagcttg gatcctctag agagctgcag ctggatgac	
aataatgatt ttattttgac tgatagtgac ctgttcgttg caacaaattg ataagcaat	_
- attratata atgacaaatt tatacaagaa agotgaacga qadacgaada xoyacabxa	4
- +c+cas+a+a ++aaa++ada titttgCataa daddcaydoc acacaabuuu deduuus	
- attagosada thannoqand dadtitiqqqq qqaataaala quuyuyadyy aayuusaas	2
	9
gogaaaatga gaogitgato ggoactacco atticabaac tottatacti tictotitac	a <u>1</u> 1.40
• •	

```
agrogitogg citoatotgg attitoagod totatacita otaaacgiga taaagtitot
giaaittota orguatogas orgoagaotg gorgretata agggagooig acatitatat
fososagaas atbaggttaa tggogttttt gatgtbattt tögoggtggb tgagatbago
papttottos organaargy agaroggoar artigocata togginggina toatgogona
gotttoatoo cogatatgoa ocacogggta aagttoaogg gagactttat otgacagoag
abgtgbabtg gebaggggga tbabbatbbg tbgbbbggggb gtgtbaataa tafbabtbtg
tacatocaca aacagacgat aacggototo toitttatag gigtaaacct taaacigcat
ttpappagto potgitolog tpagpaaaag agoogttpal itpaataaab ogggogapot
pagopatoso trootgatti teogetttee agogitegge aegeagaega egggetteat
totgoatggt tgtgottaco agadoggaga tattgabato atatatgobt tgagbaabtg
atagotgtóg otgicaactg toactgtaat acgotgotto atagoadaco tététttgad
ataottotgi tottgatgoa gatgatttto aggactatga cactagogta tatgaatagg
tagatgitti tattitgica cacaaaaaag aggotogoac otottittoi tattitoitti
taigatttaa taoggoatty aggacaatay ogagtaggot ggatacgacg attoogttig
                                                                     17530
aquaqaacat ttggaagget gteggtegae taagttggea geatcaeeeg aagaaeattt
                                                                     1764)
 graggotgt oggtogaota caggioacta ataccatota agtagtigat toatagtgac
                                                                     1770)
                                                                     17760
 tigatiztgit gigttitaca gtáttatgta gtotgttttt tatgcaaaat ctaatttaat
 atattaatat tratateatt traegittet egiteagett tittgtaeaa agitggeatt
                                                                     1782
                                                                    1788
 ataaaaaagc attgctcatc aatttgttgc aacgaacagg tcactatcag tcaaaataaa
 arratiatit ggggeeegag atecatgeta getetagagt eetgetttaa tgagatatge 1794)
 garacheeta tgategeang atatitgett teaattetgt tgigeaegtt gtaaaaaaee 1801
 trageatgtg tageteagat cettacegee ggttteggtt cattetaatg aatatateae 18(6)
 capitactat ograttita tgaataatat totoogitoa atttactgat tgtaccotac 18100
 tantiatatg tacaatatta aaatgaaaac aatatattgt gotgaatagg titatagoga 18181
 calcustgat agagegeeae aataacaaac aattgegttt tattattaca aatecaattt 13240
 tusaasaago ggcagaacog gtcaaacota aaagactgat tacataaato ttattcaaat 18500
 ttraasagge eccaggggst agtatetaeg acacacegag eggegaacta ataaegttea 18300
 ciaaaaggaa eteeggttee eegeeggege geatgggtga gatteettga agttgagtat 1841)
 tajonythong ototanogaa agttangggo accattoaan neggtonago anggoggong 13450
 gitaabogas tigoticoso gagaattaig cagcattitt tiggigitatig igggsoccaa
 aljaajtgoa ggtoaaacst tgasagtgas gasaaatogt tgggogggts sagggogaat
                                                                    18600
 tinginacaa catglogagg otcagoagga octgoaggoa tgoaagotag ottactagtg 18600
 atgreatatte tatagtgtea cetaaatetg e
 +1105 14
 k2115 59
  -2125 ENA
  <!!!? Artificial sequence</pre>
  Class forward primer used for the amplification of 200 and 400 bp CHS
  ragments
  .400 - 14
  ppggacaagt tigtacaaaa aagcaggoig cacigotaac coigagaacc aigtgoite
  · 210 · 15
  + 011 + 59
+ 112 + DNA
  213 - Artificial sequence
  · 220 ·
  \pm 22\% \pm 2 reverse primer for amplification of 400 bp CHS fragment
  -400 · 15
                                                                         59
  nggnuccact tigtacaaga aagetgggte gettgacgga aggacggaga ccaagaage
```

<21.> 16

```
<C11> 69
<C11 - DMA
<C13 - Artificial sequence</pre>
\times 2000^\circ . Remarks primer for amplification of 200bp CHS fragment \times 2000\circ remarks primer for amplification of 200bp CHS fragment
gggg.scact ttgtacaaga aagetgggta ggagecatgt aageacacat gtgtgggtt 59
<210 \ 17
<211 \ 100
\.11 \ DNA
.[]] · Artificial sequence
.:_( \
(17) forward primer for amplification of 100bp CHS fragment
 .411 - 17
 ipiquoaagt ttgtacaaaa aagcaggotg cactgotaac cotgagaacc atgtgottca
                                                                                     60
                                                                                     100
 paragagtat cotgactact acttoogoat caccaacagt
 Olice 18
Olice 100
Olice DNA
Olice Artificial sequence
 <1205
 ._239 reverse primer for amplification of 100 bp CHS fragment
 pagaccast tigiacaaga aageigggia acticiett gaggieggie aigigiicae
 . 131
                                                                                     60
  istingtgat goggaagtag tagtcaggat actcogcotg
 .011 · 19
.011 · 79
.010 · DNA
.013 · Artificial sequence
  <\!12\% forward primer for amplification of 50 bp CHS fragment
  npunicaagt tigiacaaaa aagcaggoig cacigotaac coigagaaco aigigoiica
                                                                                       60
                                                                                       79
  agragagtat cotgactac
   -211- 20
  +211+ 79
+211+ DNA
  . 21: . Artificial sequence
  42000 reverse primer for 50 bp CHS fragment
   <40.00 20
```

.. .

```
ggggaccapt ttgtacaaga aagotyggtg tagtcaggat actoogootg aagcacatgg
ttotpagggt tagpagtgo
K010> 01
K011> 84
K010> 00A
K213% Artificial sequence
<223: forward primer for amplification of the 25 bp CHS fragment
<400 · 21
gggg:caagt tigtacaaaa aagcaggotg cactgotaac cotgagaacc atgt
€210 > 22
+ 211 + 54
. 212 · DNA
.213 · Artificial sequence
+223 · reverse primer for amplification of the 25 pp CHS fragment
-401 · 22
                                                                         54
 aggiaccast tigiacaaga aagcigggia caiggiicic agggiiagca gigc
 .21(→ 23
 .111. 17862
 +212 - CNA
 .213 · Artificial sequence
 +22: - acceptor vector pHELLSGATE4
 ggorgoadta gtgatatoco goggocatgg oggoogggag catgogaogt ogggoccaat
                                                                        120
 togosotata grgagiogia tracaattoa orggoogicg tittacaacg togrgacigg
 gasascostg gogttacoca acttaatogo ottgoagoac atoccocttt egocagotgg
                                                                        190
 igtaatajoj aagaggooog caccgatego oottoccaac agttjogoag ootgaatgjo
                                                                        240
 paatygaaat tgtaaasytt aatyggttts tygaytttaa tgagstaags asatacgtsa
                                                                         300
  paaaboatta tigogogito aaaagtogoo taaggtoact aicagotago aaatatitot
                                                                        360
 tgt:aaaaat geteeactga egtteeataa atteeeeteg gtatseaatt agagteteat
                                                                         \frac{1}{4} = 11
  attractate aatecaasta atetgeaatg geaattacet tateageaac ttetttacet
                                                                         4 = 0
  att.ocgoco ggateeggge aggtteteeg geogettggg tggagagget atteggetat
  gactgggtac aacagacaat eggetgetet gatgeegeeg tgtteegget gteagegeag
                                                                         600
  gggrgccogg ttotttttgt caagaccgae etgteeggtg coetgaatga actgeaggae
                                                                         6.0
  qaqqcaqcgc ggetatcgtg getggccacg acgggcgttc ettgcgcage tgtgetcgac
  ott:tcactg aagegggaag ggaetggetg ctattgggeg aagtgeeggg geaggatete
                                                                         750
  ctglcatctc accttgctcc tgccgagaaa gtatccatca tggctgatgc aatgcggcgg
                                                                         E ; )
  ctoratacon tigatocono tacetocona tiegaceace aagegaaaca tegeategag
  cgajcacgta otoggatgga agooggtott qtogatoagg atgatotgga ogaagagcat
                                                                         G(\cdot, \cdot)
  can iggoteg egecageega actititegee aggeteaagg egeceatigee egacggecag
  gat rogtog tgaccoatgg cgatgcctgc ttgccgaata tcatggtgga aaatggccgc
  ttrictggat toatogactg tggcoggotg ggtgtggcgg accgctatca ggacatageg
  tt:jotacco gtgatattgo tgaagagott ggoggogaat gggotgaccg oftoctogtg
  otttacggta togoogotoo ogattogoag ogoatogoot tottatogoot tottgaogag
  ttottotgag ogggadtotg gggttogaaa tgacogacca agogacgocc aacctgocat
  capgagatti ogattocapo googoottot atgaaaaggtt gagottogga atoguttoo
  gggacgoogg olggatgate otocagogog gggatoloat golggagile ttogocoaco
```

promoted soliciti despitos apagrasas gargasas gargasas systems (1) promoted interint products into labor interings gargasas systems (1) promoted products solicitis signature interings garterys systems (1) promoted products solicitis signature interings garterys systems (1) promoted interings shartors interings garterys systems (1) promoted interings shartors transport despitors analyzed interings garterys (1) promoted interings shartors transport shartors graterys (1) promoted interings shartors transport shartors systems (1) promoted interings shartors transport systems and transport shartors (1) promoted interings shartors transports shartors analyzed shartors (1) promoted interings shartors transports shartors analyzed shartors (1) promoted shartors transports transports shartors (1) promoted shartors transports transports shartors (1) promoted	13	
STATEMENT STAT		1500
partiant jamantija apantija promote incomence incomente argijante (1) sprajnost jamantija apantija stanijana stritoram partiant obtogram (1) sprajnost jamantija apantijana stritoram partiant obtogram (1) sprajnost jamantijana strijanam (partiant) stritoram (1) sprajnost jamantijanam (partiant) sprajnost (1) spraj	nogar ocaac acttacuttt gcaacgtoca agagcaaata gaddalgaac googgawayy	1560
glabjani glabaning aanalogia tribongas paathaton oftregags (d. 1930) glabjani globaning aanalogia trabatan canadon attention (d. 1930) stating troopsal trabagas trabatan canadon and anticome stockaring (d. 1930) tating trabagas trabagas trabatan canadon and assisting canadon canadon attention attention canadon attention a		
garagined galasanga tigangana pasahanan nakabang hamangang antoanasa 141 tantalisan tyangganan gangganan tuanggan damangang atanasan 162 tantalisan tyangganan ganggan tiganggan damangan damangan atanasangan tantalisan tyangganan tiganggan damangan damanga	TELEPHANAPE PROBLET COMPANIENCE CONTRACTOR C	1661
tantatinas juggaaaj jugatiga lajujuga nastatuma jugatatas lajujuga jugatatas jugatatas jugatatas lajujuga nastatuma tututuga jugatatas lajujuga nastatuma tututuga nastatuma nastatuma tanggataja nastatuma nastatuma tanggataja nastatuma nastatum	ing and whome in a near health and a court of the court o	
Santosta 1992/2008 (Assault) tyatingot tyatgota pagetition atanganga (C) santosta thataga taganga piggitos gapanga tabataat thirtingot (2) santosta taganga piggitos gapanga tabataat thirtingota (2) santosta taganga atanas tabanga taganga gapanga santosta santosta taganga atanasa (2) santosta taganga atanas tabanga taganga santosta taganga atanasa (2) santosta taganga atanas tabanga taganga santosta taganga atanasa (2) santosta taganga atanas tabanga taganga santosta taganga atanasa (2) santosta taganga atanas tabanga taganga santosta taganga atanasa (2) santosta santosta santosta taganga santosta taganga taganga (2) santosta santosta santosta taganga santosta taganga (2) santosta santosta santosta taganga santosta taganga (2) santosta santosta santosta taganga (2) santosta santosta santosta taganga (2) santosta taganga taganga gapanga (2) santosta santosta santosta (2) santosta santosta santosta (2) santosta santosta santosta (2)		- 2 -
lanticas i bossisas (1800-1808) garanticas (1800-1808) contacas (1801-1808) tipitas di lanticas (1801-1808) del continua de la companio de la	Lightigogyda dingongaraaan gcaadattaa tocaactggo aaatcatoca gogtgattigg	1021
acceptions approached by accepting the property of the propert	tattautua, yogggadag garan idattodtit tadiqotado babgititoa ataaggabga	1001
tarythagal Tyaaslanal basodytas Louisayang hattatanga anggotto torgottasa louisayan hattatanga toogaanal basabattas labodytas asaabattas labodytas asaabattas labodytas louisayanga asaabattas labodytas louisayanga asaabattas labodytasa labodytasa labodytasa taathanaga looisayanga taatabattas labodytasa basabattas taathanaga looisayanga basabattas taathanaga labodytasa labodytasa labodytasa basabattas labodytasa labodytasa labodytasa basabattas labodytasa labo	taasttoagt totagogga draggradaa goadatodtt caaasatttig goaataaagt	-34- -000
automany andivariant absorbtica Tailinguing assarsasit analoging all antistings and programs as a training and antisting programs of the programs and antisting and antisting and antisting antisting assarbations that the programs are all and and antisting and antisting assarbations and antisting antisting and antisting antisting and antisting antisting and antisting antisting and antisting and antisting antisting antisting and antisting antisting antisting and antisting antisting and antisting an		
aajahaaga toogaaali atabatinaa tanggatag aasaraaan tanggaaa antanggaa aatarangga aatarangga aatarangga gataranga aatarangga gataranga aagaranga aatarangga gataranga ngganga aatarangga aatarangga gataranga ngganga aatarangga aatarangga gataranga dagaaga aatarangga tangganga gataranga dagaagaa agaanaana acceegtaa cidaaaaaa gadaaaaaa gadaaaaaaa gadaaaaaaa gadaaaaaaa gadaaaaaaa gadaaaaaaa gadaaaaaaa gadaaaaaaaa	ttottaagat tgaatiiliga igaaggatoo yaan yaa haadaada tattaatgag atgggttttt	∠ ∪ ≒ -
astraggera astratoggs disperson to conjugos assassance accoung account of the control of the con	taogitaagu alguaatati taabartela rangogatag aaaacaaaat atagogogoa	2100
astraggera astratoggs disperson to conjugos assassance accoung account of the control of the con	atgattagag tocogoaatt aladdatotaa tocaggarattao tagatogaat taattooagg	
sagnasagg castagged traitagg tillogsow tollatege talaasaa 2200 castagged castagged castagged traitagg talatagg talatagg talatagg talatagg talatagg talatagg talatagg gagagagg talatagg 2400 castagged gagagged assattagg 2400 castagged gagagged assattagg gagagagg talatagg 2400 castagg talatagg gagagggg talatagg gagagggg talatagg 2400 castagggg talatagg gagagggg talatagg 2400 castaggg talatagg gagagggg talatagg gagagggg talatagg 2400 castagggg talatagg gagagggg talatagg 2400 castagggg talatagg gagagggg talatagg gagagggg talatagg 2400 castagggg talatagg gagagggg talatagg gagagggggggggg	aadtaggata aattatogog ogogydyssa sociatygiddo sagaaaaacc accccaqtac	
atheory cacagoda charaget organized aptrophes amanoace thatcory cacagoda charaget organized processors and capagoda charaget organized aptrophesis of the company of the capagoda charaget processors are capagoda charaget the capagoda charaget that capagoda charaget the capagoda charaget char		2230
testatorigo calcagozato agrociggad giogicagog gagagadat igiaaggag 24() cagantiigo taigitaco gatjitatto giaanaaaja gaachaagu googigita 24() cagantiigo taigitaco gatjitatto giaanaaaja gaachaagu googigita 24() cagantiigo taigitaco gatjitatto giaanaaaja acachaagu googigita 24() cagantiigo taigitaco gatjatagaa gitquitta acachaagu googigita cittatorit taitaatat cittatorit taigaagata acachaagu googigita cittatorit taigaagata acachaagu googigita gitquitga agantatatti tagaagadan gitquitgaga gitquitga googagaga gathaataag gathidaga aagantata gagaagaaga gitquitga agantagaga gathidaga agantagaga gathidaga agantagaga gitquitga gitquitga agantagaga gathidaga agantagaga gathidaga agantagaga gitquitga gitquitga gathidaga agantagaga gathidagaga agantagaga gathidagaga agantagaga gathidagaga agantagaga gathidagaga gathidaga gathidagaga gathidaga gathidaga gathidagaga gathidagaga gathidaga gathidag		2340
agasting coagetaco gargarato grammanu caaraagni googgitti 240 aaasacagga gaatatac catiguaca gargarati grammanu caaraani agaaatog 200 coogetaa aatataati cooligooga gatoogaati atcaptii taatoati cooligooga gatoogaati atcaptii taatoati cooligooga gatoogaati atcaptii taatoati cooligooga gatoogaati atcaptii taatacati cooligooga garaacog cooligoogaagaa atcaptii taatacato cittitoga gataataag gatotagagi catititoga gataataag gatoogaati atcaptii taatacaato cittitoga caatataag gatotagagi catititoga gataagaga aagaagga cooligoogaa aagagatoga cooligoogaaga cooligoogaaga aagagaga cooligoogaa aagagatoga cooligoogaa caagagaga gatagaga aagagaga cooligoogaaga caagagaga cooligoogaa caagagaga caagagaga cooligoogaa caagagaga caagagaga caagagaga cooligoogaa caagagaga caagagagag		2410
sagastiga jautingog ajggraqua giljautin asgraqua ajgilging salasaga alatasti ooligasaga giljautin asgraqua ajgiljauti jiri jiri ooligigaa aatastati ooligasaga giljauting ooligaatat ataatatti ooligasaga giljauting ooligaatata ajgaaataga jirigagaata tiljagaataa giljauting galaataga gotaataata gotaataata gotaataata gotaataa giljauting galaataa giljauting datikaaga attittoga qarataana galatogaga attittoga ajarataana galatogaga aagaajataga attittoga qarataana galatogaga aagaajaga attitaga aagaataga coligaada taatagata aagaajagaa aagaajagaa aagaajagaa galagagaa coligaada taatagata agaagagaa aagaagaa agaagagaa qaraadaa agaagagaa aagaagaa aagaagaa aagaagaa aagaag		
asabanggat gatotogag aggilagas gatongant atomicothi tiattoattt office office aggilaton astatoatot octobases gatongant atomicothi tiattoatt office office aggilaton aggilateatot gotogagas gatongant atomicothi tiattoatt office office aggilator aggil		
congestable optionally designated general aggential aggented (2007) typathable optionally designated general designation of the optional designation of the option of the		167
cogothas ogtgadaga gotgattgo gotanttott basastga ogttgada 27.00 gotgatga ottttogot gotsadog gottdagg battstagg attitted 22.00 gotgatga ottttogot gotsadog gottdagg battstagg attitted 22.00 gotgatga ottttogot gotsadog gottdaggg battstagg attitted 22.00 gotgata ottttogot dagadgagg gotsadog got		5.1.1
glogatagas obstgalgas govariances gottoggs cattitudgo attitutogs 2000 statatorate cuttitudgo castalacas gattitudgo aagastitudgo aagastitud aagasagas aagastitudgo	apportiant offundament to the same of the	2.0.1
description of the though of a particular of the though of		
attatocate offittingos ogalatasagg agataggta agataggta bongogaggg 2240 gytytott officactyte estimating acctigaggt gytytasagg argatytat ceaseggette estimating acctigaggt gytytasagggatty groggetae ogalatagggg canadagggg argatytattittpa 3000 cosagosaan caggggtgat gytytasagt thattagatta gytyttittpa 3000 cosagosaan caggggtgat gytytasatt tattagatta gytyttittpa 3000 gytytocag tygettoty thetatosags tytocotoot gythagaty gytyttittpa 3000 gytytocag tygettoty thetatosags tytocotoot gythagaty gytyttittpa 3000 gytytocaga tygettoty thetatosags tytocotoot gythagaty gytyttittpa 3000 gytytocaga tygettoty thatagaty tothagaty gytytytytytytytytytytytytytytytytytyt		스 보고 3 : - :
ggtgttjtat caalgggg cagasdgaa actoggggg ggtaabagg aatootgots 244 ggtgttott ctroacted chilatitog actggggg caangggg cagasggag googgataa cagasgggg caanggggg cagasgggg caanggggg cagasgggg cagasgggg cagasgggg cagasgggg cagasgggg cagasgggg cagasgggg cagasgggg cagasggggg cagasgggg cagasggggg cagasgggggggggg		
grighthoote oftending of latering characters of the gright process		
cosagosata gagagataa gutigacaact taatgatta gutataaat gutattita gutattaaa gutattita gutattaaa gutattitaa gutattaaa gutattitaa gutattaaa gutattitaaa gutattaaa gutattaaa gutattaaa gutattaaa gutattaaa gutattaaa gutattaaa gutattaaa gutattaaaa gutattaaaaa gutattaaaaaa gutattaaaaaa gutattaaaaaa gutattaaaaaa gutattaaaaaa gutattaaaaaaaaaa		294
cosagocaac caggagggat gotglosaac talegoolos gitcagotaa caggagggg gitgotocay tygottoog tuctoraactory gitcagotaac gasaataat totaacacgot totaacacgo gasaataat totaacacgot totaacacgo gasaataat totaacacgot totaacacgo gasaataat gataacgoca tyaatgoca talegoogaaa totaacacgo gotatatyy ogttogocto 3300 aacalgattt tacgtcatt aasaactaa googaagac gotaatacgo gotatatyy ogttogocto 3300 aacalgattt tacgtcatt aasaactaa googaagac gotaatacgo gotaatacgo gotaatacgo gotaatacgo gotaatacgo gotaatacgo tuttaacgot totaacacgo gotaatacgo gotaacaca gotaacacgo gotaatacgo gotaatacgo gotaatacgo gotaacacacgo gotaacacacgo gotaatacgo gotaatacgo gotaacacacgo gotaacacacgo gotaatacgo gotaacacacgo gotaacacacgo gotaatacgo gotaacacacgo gotaacacacacacacacacacacacacacacacacacaca	ggtgttoott ottoactgte caracataa camargang caageggaty getgatgaaa	
gtgottocaj tgottotgi titoaloga daggotato capgotato totgotota objectaaa 3140 acatgotaa tgoagtrae thacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tgoagtrae thacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tgoagtrae tacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tagaaggaa tagaaggaa garaacaag gattitaggott tacgotatut tacgota aaaaacaa googaagaa tgoaggaaa gattitoggata 3140 acagaaggaa gaacaacaa gacotgota tatasest tagaaggaa totgaaggaa tagaaggaa gattitogaagga 3140 acagaaggaa gacogaag tatasega agaaggaagga gacogaagt gaacaacaa agaaggaag gataataaga agaaggaaga gaacaacaa gacogaaga aagaaggaa gatataaga agaaggaaga gaacaaga agaaggaaga gataacaaga agaaggaaga gaacaagaaga gataacaaga agaaggaaga aagaaggaa aagaaggaa aagaag	tgegaggetg geoggetade geoggegaat tactuatria gtgtatgat gtgttttttga	
gtgottocaj tgottotgi titoaloga daggotato capgotato totgotota objectaaa 3140 acatgotaa tgoagtrae thacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tgoagtrae thacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tgoagtrae tacasest totsaases gaarasaa gaaatsat 3140 acatgotaa tagaaggaa tagaaggaa garaacaag gattitaggott tacgotatut tacgota aaaaacaa googaagaa tgoaggaaa gattitoggata 3140 acagaaggaa gaacaacaa gacotgota tatasest tagaaggaa totgaaggaa tagaaggaa gattitogaagga 3140 acagaaggaa gacogaag tatasega agaaggaagga gacogaagt gaacaacaa agaaggaag gataataaga agaaggaaga gaacaacaa gacogaaga aagaaggaa gatataaga agaaggaaga gaacaaga agaaggaaga gataacaaga agaaggaaga gaacaagaaga gataacaaga agaaggaaga aagaaggaa aagaaggaa aagaag	cosagodaab caggogtgat gurgodaabt tategotaet attoagotae tagacgggtg	
energiciacy geassages of carcylater techniques to the active of the acti		3180
acatigoda tyaatgoot togatioog gaaaaaco gaatatagg ogttogoot 300 aacalgatt tacgteast aasaacoa googaaga gtogatat tacgoogaaa togagagaaga gtogagaaga gtogagaaga 310 aaatologoda googaagaa togagagaaga gtogagaaga gtogagaaga 310 aaatologoda googaagaaga togagagaaga gtogagaaga gtogagaaga 310 aaatologoda googaagaaga togagagaaga togagagaaga togagagaaga aatologoda googaagaaga gaaagaagaa aatologoda gaaagaagaaga aaaaadaa taaaaaada taaaaaada ataaaaada ataaaaada aaaaadaa aaaadaaga gaaaagaaga 320 oo		3145
altatggood tyaatggigt talgatgg googleagtb ggtasoolog ggtasoolog ggtasoolog ggtagggat aasoaggaal togggaaat togggaaat ggtigggotal gtigggotal gtiggggata ggtigggata gtiggggaaat gtigatggo aatoogoog gggtasoolog ggtasoolog gtigggaaat gtigttgood gaatatagga aatoogoog gaatatagga aatoogoogoog taltatagga aatoogoogoogoogoogoogoogoogoogoogoogoogoog		3300
asasastatt taggicasta aasasasta ggisgasa gisgagata stogagata oo		3346
actoropical gegent tritacery and adjaced tritacery and actions of the control of		
antegoreea gogetegate totally a algogated tategore types of the agency o		
tiganggad adadgadg agadgadgi agaggadgi agaggaggaggaggaggaggaggaggaggaggaggagga		
tigalogot data addada ogatata oga agadata ogatata ogat		
ggtageact ggcaeggetg ggacqaagt cactgrout toaasaatog gtigagstgc 3/20 atgacaact categggaat tatotgaaca taaaacacta toaasaatog gtigagstgc 3/20 atgacaact categggaat tatotgaaca taaaacacta toaasaatog gtigagstgc 3/20 atgacaacta categggaa tatotgaaca ggtotactgc cactatcaa ggtotactgc gatagaagaagaagaagaagaagaagaagaagaagaagaa		
atjabaaat catoggaat tatotgaaca taaaacacta toaataagit qoqqtcatta 3780 atjabaaaqt catoggaat tatotgaaca taaaacacta toaacaqta aaggapajoo carotatcaa qotqtactgo ottocaagaq aabgaagaqo 3840 3840 3840 aaggapajoo carotatcaa qotqtactgo ottocaagaq aabgaagaqo 3840 3840 aaggapajoo caguragaat qagoctqoo goctaacetqo togocqoo 3860 aacaqqooqo otggooqoo tiggigooqoo otggooqoo tiggigooqoo otggooqoo tiggigooqoo otgaaqad otaaqaagaaga aacaqqooqo qogaaqata toqooqooqoo qogaaqata toqooqooqooqooqooqooqooqooqooqooqooqooqo		
atjacaaadt catogggat tatolyaata tatacaa gtigtaatge sticcagacg aacgaagage 3840 3960 3960 3960 3960 3960 3960 3960 396		
pattyagga aaggyaggg cardialtaa qqqqaatga tagacqaag tagacqaag tagacqaag tagacqaag tagacqaag tagacqaag tagacqaag tagacqaag tagacqaaga cagacqaaga cagacacqaa qagacqaaga qaaaaacaa qaaaqaaqaa qaaaaacaa qaaaqaaqaa qaaaaacaa qaaaqaaqaa qaaaaacaa qaaaqaaqaa qaaaaacaa qaaaqaaqaa qaaaaacaa qaaaqaaqaa qaaaaacaaaga qaaaaacaaaga cacqaaqaaga qaaaaacaaaga cacqaaqaaga qaaaaacaa qaaaqaaqaa qaaaaacaaaaqa qaaaaaacaaaaaaaa		
pattyaggaa aaggogggg Cgloldylat yaagtotab groopgage tggcoogsat caatgageaa aaggoggg cgloldylat galadaca groopgage tggcoogsat caatgageaa aaaataaagg caagacaaga caagacaaga caagacaaga	atjadadagu catogagado canonatosa gotgtactgo ottocagaeg aacgaagago	
coaggetae aaaatsasgy yegindigaa satagaaats tegitoaacig acgaonegeg 4010 caatggegag tioggtgaag tigatgaaacts tegitoaacig aaggaaajaa 4020 tigacgagagat tigacgagagaga tigatgaaga tigatgaaga aaacggoogi tigatgaagag taatagagagagagagagagagagagagag		
caatgoogac otgggscgco tigigigict googadaa agaagaagaa aaatgooga ttoggtgatg caargateet bycoctqotg gogaagatba aaaaggooga gogattagaag taatgoogaa gogaaagaagaagaagaagaagaagaagaagaagaagaag	gattgaggaa aaggugagg oggatagtaga statgaggas stoogogage tggcoogoat	
pacegoging theggthat datagood gitecopole and paced at a state the pacegon and pacedon and positive and a specific and a specif		
trapositi decagned digital trategora deadthin degree decagned distributed degree decagned digital trategoral decagned digital trategoral degree degre		
trapositi decagned digital trategora deadthin degree decagned distributed degree decagned digital trategoral decagned digital trategoral degree degre		
thaquegeta alacegoog daggetytat thousands can attempt and action and the angular and degree and the angular and degree an	ggacgagott ggcaagitoa ligaciggogo ggocogabas 1750 a atgogotoca	
toaajaagag dgasttogog jagutajaa oogacutaat tigoojataaa gtggattato 4320 acgagaagja dggscagacg jtotaajgga oogacutaat tigoojataaa ggaacaagga jajtgaatta adgaagtt tigoojataa accatoja agcogoaccg intitogogog aggatgoga aaccatoja agcogoaccg intitogogog aggatgoga aaccatoja agcogoaccg intitogogog aggatgoga aaccatoja agcogoaccg intitogogog aggatgoga categgoog categgoog coateggoog coateggoog togaacaag aggaggaajg tottagogaag togatgocaa accatogaa aggaggaajg tottagogaag togatgocaa 4740 acgacaccgo aggagcoaca aggacqoog togaaccaa aaccatocoa ggaagcoaca accatogaa accatogaacaa accatogaagaa accatogaa accatogaa accatogaacaa gaaaatocca accatogaagaacaa accatocaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaa accatocaacaacaacaacaacaacaacaacaacaacaacaacaa		
acgagaagja cggccagacg jt stalygya clyddolada y galaattjoo ocggcgtugag tggalaacaag ggcaccaggo jqjtcaaato aggaataagg galaattjoo ocggcglugag tegglugaatga accggalagga toolada ggcaccagga jqjtcaatt aagaastgat ocgcagagga tiltergoog aggalgoog galaggood caagattaga acctiocajt ocgtogjoto gatggtorag caagotaacgg 4560 caagatega goggaacag gtgcaactig otoloolijo octgologig coatcggolg 4600 ocgtggagog tooladaga aggluggaajg tittggogaag togatgacaa 4740 acgacacgga gaggacaag aggloojot togaalaaa occgaccaaaga galaattaga caggacaaga cacgalgaaga galaattaga acgacacga gagacctago otgatcaacaa galaattaga ooloogaggagaga 4740 acgacacagga cagattaga cacgaccaaaa galaattaga acgacacaaa galaaatccag oggagggaga 4740 acgacacaaa ggaccacaaa aggacgtgaa galaaacctaa acggaggaga 4740 acgacacaaa ggaccacaaa aggacgtgaa galaaacctaa acggaggaga 5040		4320
tiggacaccaa ggeaccaage iqitdaaate ayaaataaga taacagaagaag geatacaaga 4440 teggijoaat teegeaagga iqitgaaatga atojgacgit taacagaag geatacagga iqitgaaatga atojgacgit taacagaagaagaagaagaagaagaagaagaagaagaagaa		4350
toggagoaat toggaagga 1919aanga aloggagoaa aacaatogaa agoogaacg 4810 aagaastgat tagacgaggg tiltoggag aggatgacga aacaatogaa agoogaacgg 4800 togaagatga gagagoaag actiooagt cottgoogaag caateggorg 4800 coaagatega gagaactatg acgaacaaga agoogaaga troggagaaga tagatgacaa 4800 aacaaggooga aggacaaga aagoogaaaaa cacgaagaag agaactaag aagaacaaga aacaagaagaagaagaa cacgaagaagaagaa 4800 aacaaggooga toottgoo cagatcaacaa gaaaatooog ogogaggogo 4800 aacaacaagaacaa agaacaagaa aagaacaaa gaaaatooog ogogaggogo 4800 tacaacaaaga gatcaattto cacgacaacaa aggacgtaaa gatcacctaa accgagogoa 5040		
aagaastgat sgacgoggg tittesgoog aygacgsoga about soag sagatgata caagatacgg toatogggoog toatogggoog toatoggoog decadest soagatgate continuate co		
teatgagtge peccegogaa acctiveage acquaration cetycocateg chateggerg (600 ceaagatega gagagacage gagaacatig ethocative cetycocateg chateggerg (700 ceaagatega gagaacatig ethocative cetycocatega tagatgacaa (700 ceaagatega gagaacatata acquaraaga agogaanaaa cacquaraaga gacatgacaa (700 ceaacage eagaacaaga eagaacaaga eagaacaaaga eagaacaaga eagaacaaaga eagaacaaaga eagaacaaaga eagaacaaaga (700 ceaacaa eagaacaacaa gaaaaatccag eggaaggega (700 ceaacaaa eagaacaaaa eacagaagaagaa eacagaagaa eacagaagaa (700 ceaacaaa eagaacaaaa eacagaagaagaa (700 ceaacaaa eacagaagaagaa eacagaagaagaa (700 ceaacaaa eacagaagaagaa eacagaagaagaagaaaaaaaaaa		
ceaagatega gegegadage gegeadag aggeggaagg tittgegaag tegatgacea 4610 cegtigaageg titegegtegt elegaalaagg aggeggaagg tittgegaag tegatgacea 4740 tegacacegeg aggaactatg alegalecaaga agolgaaalaa caceaaggaag cagatcaaagg 4810 aacaggeeag eggeedage tegatgacea eggeggaacaa aggacegga caceacaa gaaaatcoog eggaggege 4810 alegacacegge elegatetee etgatcacea eggegaacaa gaaaatcoog eggaggege 4980 tigaaaaacaa ggicattite caceacaa aggacegtaa gatcacctae aceggegteg 4980 tigaaaaacaa ggicattite caceacaaga aggacegtaa gatcacctae aceggegea 5040		
cogragagog tragograf stogadagag aggagadag stograf gacattagaa 474) tegacacgog aggaactatg abgarcaaga agogadada decadagoga cagatcaagg 480) aacagotcag ogaggodaag baggodyogt tgotgadada cacqaagdag cagatcaagg 480) aaatgoagot troottgtto gatattyogo ogtygoogaa cacqatgoga gagatgodaa 480) acgacacggo obgototgoo otgttoacca ogogodacaa gadaatcoog ogogaggogo 4900 tgodaaaacaa ggtoatttto cacgtodacaa aggacgtgaa gatcacctac accggogtog 4900 tgodaaaacaa ggtoatttto cacgtodacaa aggacgtgaa gatcacctac gogaagogoa 5040		
togacacgog aggaactatg algaledaga aggigalada of the control of the		
aacaggtoag cgaggodaag baggothogo byblyduddu della della gaatgodaa (116) aaatgoagot ttoottgtto gatattjogo cgtjgocgga cacqatooog ogogaggogo (121) acgacacoggo cogototgoo ctgttoacca cgcycaacaa gaaaatcoog ogogaggogo (1980) tgcaaaacaa ggtoatttto cacgtoaaca aggacgtgaa gatcacctae accggogtog (1980) tgcaaaacaa ggtoatttto cacgtoaaca aggacgtgaa gatcacctae gogaagogoa (1040)		
aaatgcaget tteettgtte gataltgege bytggtegga earth i gegagggege 491) acgacacgge cegetotgee etgtteacea egegeaacaa gaaaateceg egegaggege 4980 tgcaaaacaa ggteatttte caegtcaaca aggacgtgaa gateacetae aceggegteg 4980		
acgacacgge cogetotges ofgeteacea eggsededd gathari i bolgegteg 4980 - tgcaaaaacaa ggteatttte caegteaaca aggacgtgaa gathachtae accggegteg 1940 - tgcaaaaacaa ggteatttte caegteaaca aggacgtgat gttggagtae gegaagegea 1940 -		
tgoaaaacaa ggtoattito cabgucaaca aygucysyuu yunti taraagagaa E040		
agotydyggu cyacyacyac gadotys s 1900 by by bygneaggae otgggetggt 1900 boostatogg ogagoogate acottoacgt totacgaget titgneaggae otgggetggt 1900		
zazalaungg ugagungaun authores in transfer in transfer in transfer in the second secon	agouguyyyu uyauyauyau yaabeysees iy yo i ttgacaggac otgggctggt	5 100

-7	
	5160
	52.10
	5230
ogatgyyuu uauguusaa massiissa. noogifacha qqtootqato qacqaggaaa	5210
toogogoduu yyaaaayaaya mayaaan	5340
togtogtgot gtotgotggo gaddadtada ogadadtami naachaddag oogtaboogo	5400
ndtodoodao ggooogaogg algologasi alloomgolo bilabaggata aagaadtido	5461
lingarnerna sannttoddd dtoatgtgog galloggaluu Gaucogogaa aagnii yy	5520
- ware and that indicagaaco biologaayas - esperasons - es in it is in the accepta	5580
- 375000 17 - 12 horror hattqbaaab qotagggbot tgtgggggcoa gccoopgota	5640
- aaadaamis, is saaraayaa ee ahaan ahaadaa agagggaas gacaaaaa	
ggggillago ayonggggo bananga aggagagato tabgaabtgo bgataaabag	5700
- Stigsbluge - Pageaces - Cossession - Cilliff and addefined addecdabation	5760
	5810
	58:0
	5940
- "	6(1)
	60(0)
- 87 - 87 - 1	6120
- J J J J J J J J J J J J J J J J J J J	
gatgatogto ogađagatio daaduggado bogjissi s gretaoogeo tgoogggogg acttaatatt togotatiot ggagotigit gittattiog giotaoogeo tgoogggogtoi	617)
actiaatatt togotattot ggagdttgtt giblattely gibtatoatot otgoogotot	6240
	6311
	6360
	6420
	6481
gootetgote additiaddy deligoadd glotacagga accaatgite teggoetggo agotttagtg titgateege caateeega gestacagga accaatgite teggoetggo	6540
	5600
gtggetegge etgateggag egggettade geggeteteteage egggatggeg etaagaaget actogaaret acagttgttt erttaetggg ettteteage egggatggeg etaagaagatae	6660
	67 <u>2</u> 0
	67 6 0
	664C
	6900
	6360
gogttgotgg ogttttligga taggstotgg observation apparent tescootiga toaagtoaga gytggogaaa obogacayga otataaaagat abbaggogtt tescootiga taaagtoaga gytggogaaa obogacayga otataaagata obogacatt	7020
traagtraga ggtggcgala Congacayya tedadadaya cogpatacot gtocgrottt ageteesteg tgcgstetse tyttosgare etgsegetta engpatacot gtocgrottt	7030
agetecoteg tigegoteted tigeteligate tractageast grandtatic cantiougtg	7140
	7200
	7260
taggicgite geteclaags: ggyettgragtoe aacobggiaa gabacqacti atogobactg goottatoog giaactatog tottgagice aacobggiaa gabacqacti atogobactg	7310
	7383
	7440
ctgaagccag ttaccttigg aaaaaggac gasagaagatta cgcgcagaaa aaaaggatat gctggtagcg gtggtttttt tgtttgcaag cacagatta cgcgcagaaaga aaactcacgt	75.30
getagtageg giggitittt tgittgeaag tagsagetes agiggaanga aaanteacqt caaqaagato ettigatott tictagggg totgacqcte agiggaanga aaanteacqt	7860
caagaagato ottigatott tidiasgagg totgaegata agustotta totaaattaa taagggatti tggtoatgag attatoaaaa aggatottoa ootagatotga cagitagoaa	7620
	7690
taagggattt tiggteatgag attatiaaaa aggateese ettiggtetga eagttaceaa aaatgaagit tiaaaateaat etaaajtata tatgagteaa ettiggtetga eagttaceaa aaatgaagit tiaaaateaat etaaajtata tatgagteat tieggtegate eatagtigee	7740
aaatgaagit ttaaatcaat Ctaaagtata latgagtada tropy aa aaatgaagit ttaaaatcaat Ctaaagtagoo tgottaatca gtgagggaco tatotoagog atotgtotat ttogttoatc catagtagoo tgottaatca gtgagggot taobatotgg coccagtgot	7960
tgottaatda gigaggdadd talbhaagag alleggadgdot tarbatbigg boodagigdt tgabtooobg tegigtagai aabtabgata bigagagggot tarbadbaat aaabbagbba	9880
tgactococg tegigiagat aastalyasa vayyayayaa tarbagbaat aaascagbba gcaatgatac ogsqagacco acgstsacog gstocagatt tarbagbaat aaascagbba gcaatgatac ogsqagacco acgststact gcaacttat cogscissat ocaytstatt	
goaltgatac ogsgagaced adjilladeg gillolagade ingsettesat odaytetatt googgaaggg obgagageag aagtggtoot goalectitat obgsettesat odaytetatt	7920
googgaaggg cogagogcag adguggeot journal and trust good aaabaagtgg cagcaabgga ttoggaaacc tgtcaabgcot ttigtgcaaa aagbogcgoo aaabaagtgg cagcaabgga ttoggaaacc tgtcaabgcot ttigtgcaaa aagbogcgoo aaabaagtgg cagcaabgga tggtbootga	7.46.0
aaabaagtig dagdaabgga tebglaaddo iglodagdoo inning tegatbootiga aggtetgoja toogotigto bagjogttag jogtoatatg aagatttogtgaag tigttogatigt	9 (44.)
aggittgoja toogotgigo sayjogitas agattroatt attogradag tottogatgt	8100
	8164
	1027
	5280
	9340
	1147
	3460
	£ £ 2 0
	= = = 0
	<u> : : 40</u>
agaggtagtt ggogtoacug agogcaloo ogadoogers oggotoogoa gtggatggog gootgaagoo acacagtgat attgatitgo tggttacggt	3.00

± 5	
	8820
gadogtaagg ottgatgaaa caadgoggog agotttgato aacgacottt tggaaactto	8880
gabogtaagg ottgatgaad caacyogydy dyddolaith obocattg ttgtgoaoga ggottobuot ggagagagog agattotoog ogotgtagaa gtoaccattg ttgtgoaoga	8940
	9000
	9060
	9120
	9180
	9240
	9300
	9360 9360
	9420
	9430
egeggegegg ettääetida gegetagaga geogggeeg geaettgetg acctgeeaat ggtggtteta ageetegtae ttgegatge ateggggeag geaettgeaaet acgaeattte	9140
	94.0
tgttttagty gatgaagott goottaggaa thacgacaat agtobatbaa attacgacaa	9660
todaagsaad tadgadaad oodataagdad todoyuda aatagtogoa acggaaatog ototgagago aadtaagata atagttoato caattaagad aatagtogoa acggaaatog ototgagago agotactacg toattaccaa	g 7 (. *
ctotgagago aactacgata atagutoato daettrogas grotactacg toattuccaa	97 (2)
ctotgagago aastasgata atagetoode odstitisgoo ggotastaog toattgosaa taggottata tatagogoaa ataggototog castitisgoo ggotastaog toattgosaa taggottata tatagogoaa ataggoto taggoaasang atgrictaga oogoaaangg	G = 4)
	9411
	9963
	10:110
	10081
	10140
	10200
	11040
	10320
	16350
	10440
	10800
	10087
	10620
	10680
	10740
	10860
	1786
	11920
	11980
	11141
	11100
	11160
	11220
ataaacgete tittetelea ggetetadate aiga megaa aattaaegea gteaegttat	11000
ataaacycto fiffictia ggittabdog dbiadiada bry aataaggga gtoacgttat aaastgaagg ogggaaasga caatotgato atgagoggag aattaaggga gtoacgttat gaccoccgoo gatgacgogg gacaaggogg tittabytttg gaactgacag aaccgsaacg	11340
gaciocogoo gatgacgiyy yacaayanga aaccimotot obocoogogt iggorjatto	11460
	11460
	11523
theatgings transfered deliagrae soldays and additionable temperature of the state of the second seco	11580
gratgriging the state of the st	11646
gratginging iggaaligig ajoggarda jaatariraa gotatgoate saabdogting attacceaa gotatitagg ingabarda gaatariraa gotaticaa atcocanaaa	11761 11761
	11761
	11833
	11860
	11947
	12440
	111160
	12120
	1.7.7.4.0
	11315
Aseassand aforat tild diddiddidd ye yerdsadatt i i	
ccaagaaggt taaagatgua gebaadagat toolaggabtoola galgattoola ggottgotto aagacatatt totolaagato agaagtacta ttoolagtatg galgattoola ggottgotto	4
ungur- Tro	

10
. Parkarrant antgaatota 12490
ataaaccaag gcaagtaata gagattigag looloadda gallogo cgtgaagact 12540 aggacatgca tggagtotaa gattcaaatc gaggatctaa cagaactogo cgtgaagact 12600 aggacatgca tggagtotaa gattcaaga ctcaatgaca agaagaaaat cttcgtcaac 12600
aggodatyda tygagtotaa gattoaaalo gaggalooda oos ggogaabagt toatabagag tottttabga otbaatgaba agaagaaaat ottogtoaab 12660 ggogaabagt toatabagag tottttabga otbaatgaba aagatabagt otbagaagab 12660
ggogaabagt toatabagag tottottadga oloagigada agatabagt otbagaagad 12660 atggtggagd abgababbo ggtotabtob aaaaatgtba aagatabagt otbagaagad 12660 atggtggagd abgababbt ggtotabtob aaaaatttbogd gaaabbtbot bggattboat 12720
atggtggags acgacactot ggtotactod adadaugtod adgulent) 12720
- casagggota tigagactit tosascasagg abagtagasa aggaaggtigg otootabasa 12080 - ngodagota totgtosott catogasagg abagtagasa aggaaggtigg otootabasa 12080 - ngodagota totgtosott catogasagg abagtagasa ang otootabasa 120840
tgodatbatt gogataaagy aaaggotato atspaagato tooloo aabbacgtot 12900 aaagatggab bodbacbbab gaggagbatb gtgjaaaaag aagabgttob aabbacgtot 12900 aaagatggab bodbacbba gaggagbatb ag abtgabgtaa gggatgabgb abaatbobab 12900
aaagatggas sessassas gaggagsato gtgjaaaaag aagasgttoo adoodogood 12960 tsaaagsaag tggattgatg tgasatotoo astgasgtaa gggatgasgs asaatsssas 12960 tsaaagsaag tggattgatg tgasatstoo astgasgttoat ttsatttgga gaggasasgs 13020
toaaagoaag tigattgatig tigabatotoo abtigadgtaa iyyyatigadga abbin toaaagoaag tiggattgatig tigabatotoo abtigadgttoat tibattiigga gaggabacgo 18020 tatoottogo aagabbootto ototatataa ggaagotoat tibattiigabig atagigadot 18080
tatoottoga aagadduub uududaaaaa yynna arriigadta atagigaddi 19080
togaggotag catggatutt gggsocoada terreataar godaactttg tacaaaaaaag 13140
gttogttgoa acaaaccyac yaybuutgoa taratatatt aaantagatt ttgoataaaa 132 .
ctgaacgaga aacgtaaaat yalacadxuu obtitoosoto achatgaato aactacttag 154%.
aadagadtad ataatadtgi adaacadada gaartagaaa tarrottoga qtqatqotgo 133
aacagactae ataatactgt aaaacadada atateedgee dering gtgatgetge 133.0 atggtattag tgacetgtag tegacegaea geetteeaaa tgttettegg gtgatgetge 13350 atggtattag tgacetgtag tegacagaetg testroteaa acggaategt egtateeage 13350
atggtattag tgacctgtag tcgaccgasa gcuttodaad tgetatty)
caacttagto gaccgacago ottocaaatg trottocaa abaga abaaqaagatg 1344; ctactogota tigtocicaa igoogtatta aarcatacot attoatatao gotagiiga 1350;
ctactogota tigicotoaa igoogiatta aastatadaa agamasa gotagigica 135() ogagootott tittigigiga caaaataaaa acatotacot attoatatac gotagigica 135()
cgagodtott tittgtgtga caaaataaaa adateeatos doodaa titotottaca 1350) tagtootgaa aatoatotgo atoaagaaca atitoacaac tottatactt tiotottaca 1360]
tagtootgaa aatoatotga atoaagaada adittatud badaariga taaagttiot 1301. agtogttogg ottoatotgg attitoagoo totatactta otaaacgtga taaagttiot 1301.
agtogttogg officatotog affificaged foratacted bodds aggragotog acatthatat 13000 gtaattitota ofgitatogae ofgoagactg gotgtgtata aggragotog acatthatat 13000 gtaattitota ofgitatogae tagagatoage 13000 garattitot garateatti toggoggtage tagagatoage 13000 garattitota garattitot
gtaattiteta etgiategae etgeagaetg getgigetaa aggygige tgagateage 1974 beteeleagaae ateaggitaa tggegittit gaigteatti tegeggige tgagateage 1974 beteeleagaae ateaggitaa tggegeea 1974 beteeleagaetaa teggiggitea teatgegeea 1974 beteeleagaetaa teggiggitea teatgegeea
tecocaguae ateaggitaa iggegittii gatgicatti daggiggica teatgegeea 1980. caettettee eegataaegg agaeeggeae aetggeeata teggiggica teatgegeea 1986.
cacttetted ecgataacgg agaceggtad actggeodes try cacttettet etgacageag 13860 gettteated ecgatatgea ecacegggta aagtteacgg gagaetttat etgacageag 13860 gettteated ecgatatgea tegacaggge gtgtcaataa tateactetg 13920
gettteatee degatatgea deaceagget adayteedayg gegetaataa tateactetg 13920 aegtgeastg geeaggggga teaceateeg tegeseggge gtgtaaacet taaastgeat 13980
acgtgcactg gccaggggga tcacdatteg trigeseggg gtgtaaacet taaastgcat 1388) tacattcaca aacagacgat aacggctote tettttatag gtgtaaacet taaastgcat 14040
tacatocaca aacagacgat aacggototo toototaada gaga tacataaac ogggogaoct 14040 ttcacbagto congitotog toagcaaaag agcogtopat ttcacbagto congitotog toagcatatoo agcogtogac acgcagacga ogggotobat 14100
ttoaccapto congitioned toagonaday agodycondo and transport of 14100 cagonathoo thoongath toagonaday tarraganto atalangeet tyagonabig 14100
cagonathod thoolgatht toogothed agogeogga database transfer toographic totgoatyge totgoathabe agadeggaga tattgacate atatatgeet transcapt and 14000 totgoathab totgoathab agont to a tage to a tage agont to a
totgoatygt tgtgottase agadeggaga taltyadada atagoadado tottttttjad 14000 atagotgtog otytoaactg toactytaat adjotgotto atagoadado totttttjad 14000 atagotgtog otytoaactg toaccytaa tittoggaaa aagttgjood agggottodo 14000
atagetgtog otytoaactg teactytaal adyctysees dawyen agggottoco 14280 atacttoggg tagtgoogat caacgtotoa tittoggooaa aagttggoog toacaggtat 14340
atacttoggg tagtgoogat caacgtotoa tittogggaag tgatottoog toacaggtat 14340 ggtatcaaca gggacaccag gatttattta tictgogaag tgatottoog toacaggtat 14400
ggtatcaaca ggjacaccaj gatttattta tibegogada ogactaca ggtcactaat 14400 ttattoggeg casagtiggt ogggtjatge tjocaactta gtogactaca ggtcactaat 14460 ttattoggeg casagtiggt ogggtjatge gatatgttgt gttttacagt attatgtagt 14460
ttattiggog casagtiggt ogggtjatgs tijcosattta geografica i 14460 accatotaag tagttgatto atagtigatti gatatgttit acitotatgtagt 14460 accatotaag tagttgatt optitagraf artgatattt atatoattti acitotic 1480.
accatotaag tagitigatto atagitgacty gatatgicyt goddadag acgittotog 1452: otgittitta tgcaaaatot aatttaatat attgatatti atatoattit acgittotog 1453:
ctgtttttta tgcaaaatot aatttaatat attgatatot atatsatota attgatatoaa 1453)
ctgttttta tgcaaaatot aatttaatat attgatudet abuttatoaa tttgttgcaa (1485) ttoagottto ttgtacaaag ttggcattat aagaaagoat tgottatoaa tttgttgcaa (1485) ogaacaggto actatoagto aagataaaat cattatttgo catooagotg cagotootog (1484) ogaacaggto actatoagto aagataaaaat cattatttt tottttttoo ttttagtata (1470)
egaadaggto actatoagto adadagaggo staattattt totttttoo ttttagtata 14700
aggaattogg taccocagut tygtaaaggaa amaataata tagttgttat aattgtgaaa 14.00
aaatagttaa gtgatgilaa tragramaa aanagatagt aatgtaaaaa aatatgacaa 14320
aaataattta taaatatatt guudadada asaasaa haataattti 14599
gtgatgtgta agacgaagaa gataaaagtt gagagtaagt atattattit taatcata atagtaatto 14340
gtgatgtgta agacgaagaa gataaaagtt gagagtaaga ataataa atagtaatto 14340 gatogaacat gtaagatgat atactagcat taatatttgt tttaatcata atagtaatto 15000
gatogaacat gtaagatgat atactagdat taalattega tabu tagtaaaaat aagaataaat 15000 tagotggttt gatgaattaa atatcaatga taaaatacta tagtaaaaat aagaataaat 15000
tagotggttt gatgaattaa atatoaatga taaaatdood dagaattaaat atotatacca 1506) aaasttaaaat aatattiitt tatgattaat agtitaitat ataattaaat atotatacca 15110
aaattaaaat aatattiitt tatgattaat agtitaitud doddoo aatiigiittig 15110 taatataaata tittagiitta aaagttaata aatattiitgi tagaaattoo aatiigiittig 15110 taataaaata tatgaaaacta 15169
ttactagata ttttagtita aaagttadta aataltiitigi tagaaaataa tatcaaacta 18169 taatttatca ataacaaaa tattaaataa caagctaaag taatataac aaagcgcaag 18149
taatttatoa ataaacaaaaa tattaaataa baayotaaag taatataac aaagogcaag 15240 atagaaacag taatotaatg taacaaaaca taatotaatg ctaatataac aaagogcaag 15300 atagaaacag taatotaatg taacaaaatac 15300
atagaaacag taatotaatg taasaadada taalibudag odditaattto taaataatao 15300 atotatsatt thatatagta ttatittoaa toaasattot tattaatta gtogaasatg 15300
atotatbatt thatatayta itatittidad tedabatto babbaatta yloyaabatg 15360 tegtagitti attaabitot aaatygatty attatotata aattygatoit acatitygat 15420
tigtagitti attaacitci aaatigatig accalladib dadugatott acatitigat 15420 aataaacaag giaacaigat agatoatgic attigtgitat catigatott acatitiggat 15420 aataaacaag giaacaigat agatoagaat cgataagott ggatostota gagagotgoa 15420
aataaabaag gtaacatgat agatbatgte ategegete salestota gagagetgoa 1949 tgattabagt tyggaagetg ggttogaaat egataagett ggatebtotta gagagetgoa 1949 taattabagt geaabaaatt 1984)
tgattabagt tyggaagotg ggttbyaaat dyalaagood gyanttbogtt goaabaaatt 1554) gotgyatggo aaataatgat tttattttga btgatagtga botyttbogtt goaabaaatt 1564)
gotgyatgyo asatastyst tittatutuya siyatayoga sabiy gatasgosat gotttottat satgosasot tigtacaaga aagotysaog ayaaacgtaa 1567) gatasgosat gotttottat satgosatag attitggata aasaacagac tacatsatac 1567)
gataagcaat gotttottat aatgodaast tigtacaaga amaa acagac tacataatac 1960) aatgatataa atatoaatat attaaattag attitgoata aaaaacagac tacataatac 1960) aatgatataa atatoaatat attaaattag atcaactact tagatggtat tagtgacotg 1972)
aatgatataa atatoaatat attaaattag attegodea babbaggtat tagtgacstg 1:72) tgtaaaaacac aacatatoca gtoactatga atcaactact tagatggtat tagtgacstg 1:72)
tgtaaaacac aacatatoca gtcactatga altaactato tagangy tagataaat alctgtgacg 15%;) tagtogacta agttggcago atcaccogac gcactttgog cogaataaat alctgtgacg 15%;)
tagtogacta agttggcago atcacocgao goacttggg dogactt gaagatcact togcagaata aataaatcot ggtgtcoctg ttgatacogg gaagocotgg 1974) gaagatcact togcagaata aataaatcot ggtgtcoctg ttgatacogg gaagocotgg 1974)
gaagatcact togoagaata aataaatcot ggtgtoootg etgatatiji is 1840 gobaacttit ggogaaaatg agaogttgat oggoactaco catticacaa otottatact 1840 gobaacttit ggogaaaatg agattaatch gatttoago ototatactt actaaacgtg 1840
godaactitt ggogaaaatg agacgttgat cyycactado daturi godaactitt ggogaaaatg agacgttgat ggotttatotg gattiticago ototatacti actaaacgtg 1496) titotottac aagtogitog gottcatotg gattiticago ototatacti actaaacgtg 1496)
tototottas aagtogitog gottbatoga potgoagaot ggotgigitat aagggagoot 17110 ataaagtito tgiaattiot actgiatoga potgoagaot tgatgioatt toogoggigg 18080
ataaagtito tgtaatitot actgtaloga bolgoagado sally j gacatttata ttooccagaa catcaggtta atggogtttt tgatgtoatt ttogoggtgg 18080
yababbaaa saasaang

```
otgagatoag coaptiotts coogataacg gagacoggoa caotggocat atoggtggto
atbatgogob agotttbato ocoğatatgo abbacoğiği aaagotbacı ggağabibta
totgabagoa gaogtgoact ggobaggggg atbabbababbb gtogoboggg bgtgtbaata
atatoaotot gtabatobab aaabagabga taabggotot otottttata ggtgtaaabb
ttaaaotgoa ittoacoagt pootgitoto gtoagoaaaa gagoogttoa titoaataaa
cogggogado toagodatós ettoétgatt tidegettte éagegétegg caegoagaeg
apgagottoa ttotgoatgg ttgtgottad bagaboggag atáttgabát batátatgob
trgagoaact gatagotgté gotgtoaact gtoactgtaa tacgotgott catagoacac
opopétitiga dataotrong époétgango ágangaítit daggaotang adaotagogi
atatgaatag gtagatgttt ttattitgic acacaaaaaa gaggotogca octottitic
ttatitotti itaigaitta ataoggoatt gaggacaata gogagtaggo tggataogae
gattoogttt gagaagaaca tttggaaggo tgtoggtoga otaagttggo agcatcacoo
gaagaacatt tggaaggotg toggtogact acaggtoact aataccatot aagtagttga 16860
ttoatagtga otggatatgi tgigttitac agtattatgt agtotgtttt ttatgoaaaa 16920
totaatitaa tatattgata titatatoat titaogttio togttoagot ttttigtaca 1698)
aagttqqcat tataaaaaag cattqctcat caatttqttq caacqaacag gtcactatca 1704)
gtoaalataa aatoattatt tgggggooga gatocatgot agototagag tootgottta 1710)
atgagatatg ogagaogoot atgatogoat gatatttgot ticaattotg ttgtgoacgt
tgtaallaab otgagoatgt gtagotoaga toottacogo oggtttoggt toattotaat
                                                                   1722.
gaatatatoa coogitacta togtattiti atgaataata tiotoogito aatttactja
ttgta socia otaostatat gracaatatt aaaatgaaaa caatasattg tgotgaatag 1734 (
 gtttatagog acatotatga tagagogoca caataacaaa caattgogtt ttattattac
 aaatclaatt ttaaaaaaag oggoagaalo ggtoaaacot aaaagaotga ttacataaat
                                                                   1746.
 cttattbaaa tttcaaaaagg coocaggggo tagtatctab gabacaccga goggogaabt
                                                                   17527
 aataasytto actgaagyga actsoggtto coogcoggey egcatyggtg agattectty
                                                                   17550
 aagttyagta ttygoogtoo gototaooga aagttaoggg cascattoaa cooggtocag
                                                                   17647
 cacquegges gggtaasega ottgetgese egagaattat geageatttt tetggtgtat
                                                                    17700
 gtgggccca aatgaagtgc aggtcaaacc ttgacagtga cgacaaatcg ttgggcgggt
                                                                   17760
 ccagagogaa ttttgogada adatgtogag gotdagdagg abotgcaggo atgcaagota 17820
 gettactagt gatgeatatt ctatagtgto acctaaatot go
 <12.101- 24
        17476
```

```
DNA
```

Artificial sequence

ROLLS - acceptor vector pHELLSGATES

₹400 > 24

```
ggoogcacta gtgatateec geggeeatgg oggeegggag catgegaegt egggeecaat
                                                                       κņ
togonotata gigagiogia itadaatiba oliggoogieg intfabaadg tögigaetgg
                                                                      190
240
gaaaacostg gogttaboba asttaatogo stigbagbab atbobbbtit sgbsagstgg
ograntagog angaggooog chocyntogo cottoconno nyttgogong cótgantago
gaat gaaat tgtaaasgtt aatgggttto tggagtttaa tgagstaago asataogtoa
gasaccatta tigogogito aaaagiogoo taaggicact afcagciago aaatatiiot
                                                                      360
tgtcaaaaat gctccactga cgttccataa attcccctcg gtatccaatt agagtctcat
attractoro aarocasata aforgosarg gosartacot farcogosac třořtracot
                                                                      480
atttoogeed ggateeggge aggitoteeg geegettygg tygagagget attoggetat
                                                                      540
gaciggoac aabagabaat oggotyctot jatgoogbog tijttooiget gtoagogbag
                                                                      600
gegngobogg ttotttttgt caagabogae stgteoggtg soctgaatga astgbaggae
                                                                      660
gaggragogo ggotatogig gotggodaog acgggogito ottgogoago tytgotogac
gttetcactg aagegggaag ggactggotg stattgggeg aagtgcoggg goaggatote
ctgicatoto acottgotoc igoogagaaa gtatocatoa tgootgatgo aatgoggogg
otiguatacgo tigatocggo taccigocca titogaccaco aagogaaaca togcatogag
ogagoacgia otoggatoga agooggiott giogatoagg atgatotoga ogaagagoat
caggggeteg egecageega actgttegee aggeteaagg egegeatgee egaeggegag
gatotogtog tgaccoatgg cgatgcotgc ttgccgaata toatggtgga aaatggcogo
tittetőgat tőatogactő tőgcöggetg ggtgtőgegg acegetatéa ggacatageg
tuggotados gigatatigo igaagagoti ggoggogaat gggotgadog ottootogig
```

	1260
	1320
otttaeggta tegeogetee egalueguag egaluegaea agegaegeee aacetgeeat i itsettetgag egggaetetg gggttegaaa tgaeegaea agegaegeee aacetgeeat i itsettetgag egggaetetg gggttegaaa tgaeaaggtt gggettegga ategtittee	13:0
ttottotgag ogggadtotg gggloogaad oggdogadt. gggottogga atogttttoo	- 4 4 **
- Pangagagagagagagagagagagagagagagagagagag	~ T T T
gggaogoogg otggatgato otddaydyd yyddoddau y lyyddoddau googgaaggt oogatodaac acttacgttt gcaacgtoca agagcaaata gaccacgaac gcoggaaggt ocgatocaac acttacgttt gcaacgtoca caractegaada gaatgcaatg atgaatatga	1500
- podatopaso aptiapgiti guasuguosa agastata - gastapasta atqaatatda	1560
tidoddoagog tigtiggastigo geoedaaluu lulluulguug gwaagemin angingoatoa	1620
tgoogoagog tgtggattgo gooclaaloo bolootgode g	1680
tabtgactat gaaabtitga gggaaladdy bblagddhi tgbatgacst gababatgg aabatbgbta tittitbitgaa gaattatgbt ogtitggagga tgbatgoost gababbatgg aabtbatbaa	1740
tgsatgssst gasaasatgg dababbysta introduction otbasgsatg cattsatsaa tgtogoggsa attgsagsta ttgssaasat sgaastassa stoasgsatg cattsatsaa tgtogoggsa attgsagsta ttgssaasat sgaastags aaatsatssa gogtgattgg	1800
tgtogoggsa attgsågsta tilgsbaddat ogddoort. tattattoat goggggaaag goaagattaa tooaaotiggs aaatoatooa gogtgattigg tattattoat goggggaaag goaagatta togaagatgotaso gasgtittica ataaggacga	1860
tattattoat goggggaaag goaagattaa tooddorggo mar taaottoagt tooagogaot tgattogttt tggtgotaoo caegttttoa ataaggaoga taaottoagt tooagogaot tgattogaa goagatogtt caaacatttg goaataaagt	
taacttcagt tooagogadt tyattoytti oygogotatt in j gatggtggag taaagaagga gtgcgtcgaa gcagatcgtt caaacatttg gcaataaagt gatggtggag taaagaagga tagaggtott gcgatgatta tcatataatt totgttgaat	1920
gatggtggag taaagaagga gugugutegaa gudgutegat toatataatt totgttgaat toottaagat tgaatestgt tootgttgaat toottaagat tgaatestgt tootgttta	1930
ttottaagat tgaatootgt tgooggtost goggady tarthatgag argggttttt	2640
	22:
taogttaago atgtaataat tadadatytuu eydatyirii aaaacaaaat atagogogoa atgattagag tooogoaatt atacatttaa taogogatag aaaacaaaat atagogogoa atgattagag tooogoaatt atacattaa tabatchao tagatcgaat taattooagg	2167
	/
	22
	221.
attaaaaag toogoaacy getoodays oppgangge agstoogeac aaaatcacca	[]4]
attaaaaaag toogoaatqt gitattaage egebluggg agotoggdac aaaatcacca tatatootgo caccagoolg coaacagoto ocogacoggo agotoggdac gaaqaagoogt tgtaaggogg otogatacag goagoocato agtoogggao googtcagog gaaqaagoo googgtttg	- ; : :
ctogatacag goagoccato agtocogggal goagocagog cambraagot doogdatttq	2461
otogatacag gragordate agutogogal gydyddiagad caautaagot geogggittig eagartiige teatgitane gaigetatto gyaagaacgg caautaagot geogggittig	1511
	0.5.5.0
aaabacggat gatotogogg agggtagdat gittgatolgaatt atbagbotto ttattoattt ootgitgatoa aatatbatbi ootgogga gatocgaatt atbagbotto ttattoattt	2649
ectytgatea aatateatet eesteljaaja jateeljaan egaadataat aggaaatege etejettaae egtgacagja tytogatett gagaactatg cegacataat aggaaatege etejettaae egttyaegat	inci
tggataaage egetgaggaa guttagagagg gutteteggget cattatageg attititiegg gtogaeggat ettitieegut geataabeet getteggget eattatageg attititiegg	2739
	2920
tatatocato ottittigga byalacabay grataggina adiaggoca cocqoqagog	2580
	2940
	3000
	39€0
	3111
	3180
	3240
	3333
gatatogoda Egaatoguet egaatectoa orongragto dotaabotog ogoatabago	3363
gatatqqqqa igaatqqqqt tqqatqqtqq qadaqqto qqtaabetoq bqcatabaqo aacacqattt tadqtcartt aaaaaaactca qqooqsaato qqtqqqtat qtcqqqqtta	3420
	3481
	3540
	3600
	3660
ttgacguggt gatalggatg adggatggat gggaattga goggoataac otgaatotga agotgoacgt aatcagbaag ogatatacgb agotgoacgt otcaaaatcg gtggagotgo	
agolygodogo dalaa amaraka kaatta ataaaataa ataaagataa	2.7 (1)
	37.00 57.50
ggcagracct ggcarggrig ggacggaagt cystycogoo traaataagtt ggagtcatta	3780
ggcagracct ggcarggraf ggacggaagt cyrragacgaacta traataagtt ggagtcatta atgacaaagt catogggcat tatotgaaca taaaacacta traataagtt ggagtcatta	3780 3840
ggcagradet ggcabggctg qgacqqaagt cybrycogoo thaataagtt ggaqtcatta atgacaaagt catcyggcat tatotgaaba taaaacacta tbaataagtt ggaqtcatta obraabbagg aagggbayee cacctatcaa gytgtactge ottobaqabg aaggaagage cobraabbagg aagggbayee cacctatcaa gytgtactge obtobactge tygbogtogg	3789 3840 3900
ggcagradet ggcabggctg qgacqqaagt cybrycogoo thaataagtt ggaqtcatta atgacaaagt catcyggcat tatotgaaba taaaacacta tbaataagtt ggaqtcatta obraabbagg aagggbayee cacctatcaa gytgtactge ottobaqabg aaggaagage cobraabbagg aagggbayee cacctatcaa gytgtactge obtobactge tygbogtogg	3780 3840
ggcagradet ggcanggrtg qgacqqaayt cyntgodgdd thaataagtt ggaqtdatta atgacaaagt catcyggdat tatotgaaba taaaabacta thaataagtt ggaqtdatta obraabbagg aagggraged cacctatoaa gytgtactgd bitoradang aangaagage gattgaggaa aaggbyygg oggchggdat gagootgtog gobtabotgd tygboogdat gattgaggaa aaggbyygg oggchggda statgagdad gtbogpgagd tygboogdat	3789 3840 3900
ggcagradet ggcanggrtg qgacqqaayt cystqoogdo thaataagtt ggaqteatta atqacaaagt catcyggrat tatctgaaba taaaabacta thaataagtt ggaqteatta coraabbaqq aayggbayoo cacctatcaa qytgtactgo citoraqabq aabgaagag gattgaygaa aaygbyygg cqqobygcat qagcctytog ybbtabctqo tygboogdag coaggybtac aaaabbabgq gogtbytgga ctatqaycac gubbybqaqo tygboogdat coaggybtac aaaabbabgq gogtbytgga ctatqaycac gubbybqaqo tygboogdat	3780 3840 3900 3967 4920
ggcagracet ggcangintg quacqqaayt tustqaada thaataagtt ggaqtcatta atqacaaagt catcunggcat tatcungaba taaaacacta thaataagtt ggaqtcatta coraabbang aanggbanco cacctatcaa quittactgo citcoraqang aangaagago gattugangaa aangangning cagcongcat qancotgtog gootaactiqo tundocqoat coaggintac aanathangg gootaantiqa citatqancac quincyngaa cigucocqoat caatingaac citaggoonoo tungoonoo tungoonoo aanaacac citagaaacac aanaacac aanaacacacacacacacacacac	3780 3840 3900 3963 4620 4630
ggcagradet ggcangintg ggacggaagt tystgaagat thaataagtt ggaqteatta atgacaaagt categgrat tatetgaaba taaaacacta thaataagtt ggaqteatta edgacbagg aagggaage cacetateaa gitgtaetge otteragang aangaagage gattgaggaa aaggongg eggengeat gageetgteg gontabetge tiggeegeat caaggiptae aasatbangg gegtnigtgga chatgageae tiggeegeat caatgingae etggenine tiggeninet bigeeetgetg ginaagateg aagacaagaa canggonggg ttoggtining caangataat bigeeetgetg ginaagateg aagagaagaa canggonggg ttoggtining caangataat bigeeetgetg anganagae cangangtitt	3780 3840 3840 3860 4020 4050 4140
ggcagracet ggcangintg quacqqaay tystqoogda thaataagtt ggaqtcatta atqacaaagt catcagrate tatotqaaba taaaacacta thaataagtt ggaqtcatta consannag aaggpayoo cacctatcaa qitgtactgo ottoraqang aangaagago gattgaygaa aaygnigig oqqongqoat qagcotgtog postanotqo tiyoocqoat coaggintac aasatbang gogtniytiga ctatqaqoac qinoqongago tiyoocqoat castiyogac otiggoogoo tigyoogoot potgaaacto tiyotcaccq angaccogog castiyogag toogitisti ocangangat qitgagagat qitoogootgoo aaygcayaqo catyantitt ggacqaagott ggcaaggina tigatqyogt qitoogoocq ayygcayaqo catyantitt ggacqaagott ggcaaggina agagtaayaq tigattgaaa onacotooc atgogooca	3780 3840 3860 3860 4020 4030 4140 4210
ggcagracct ggcangintg quacqqaay tystqoqqaay tyaataaqtt gqaqtcatta atqacaaaqt catcagraat tatctqaaba taaaacacta thaataaqtt qqaqtcatta commandag aaqqqaayoo cacctatcaa qiiqtactqo bitchaqaaq aaqqaaqaq qattqaqqaa qatqaqqaa qagcaqqqat comminda aaaatbabqq qoqtbiqqa cataqaqcac qiibbqbqaq tigabcqqqa caaqqibqa catgqqqaaqaba qacqaqqqa tigabqqaqqaaqaaqaa cabqqbqqqq tiqaaqqabaa qaaqqaaqaa qaaqqaqqaaqaa qaaqqaaq	3780 3840 3860 3860 4020 4030 4140 4240 4240
ggcagracet ggcangintg quacqqaay tystqodda thaataagtt ggaqtcatta atqacaaagt catcagrat tatctqaaba taaaacacta thaataagtt ggaqtcatta commanda aaqqqaaqce cacctatcaa qitqtactqo bitchaaqaq aaqqaaqaq quitqaqqaa quotqtoq quotabetqo tigoocqod tigoocqod caatgiggac caggongod tigooqqaac pintqaacac qitqaacac qitqaaqaa aaqqaaqaaqaa caaqqaaqqa tigooqqaa qaaqaaqaa qaaqqaaqaa tigooqqaq tigooqqaq tigooqqaq aaqaaqaaqaa qaaqqaaqaa tidaqqaaqaa qaaqqaaqaa qaaqaaqaa qaaqaaqaaq	3780 3840 3900 3960 4020 4080 4140 4260 4280
ggcagracct ggcangintg quacqqaay tystqodda thaataagtt ggaqtcatta atqacaaagt catchygrat tatctgaaba taaaacacta thaataagtt ggaqtcatta commanda aaggaage cacctatcaa gitgtactgo ottomaabg aaggaaged gattgaggaa aaggaggag cacctatcaa gitgtactgo ottomaabg tiggocgoggat gagoctgtog gootabootgo tiggocgoat caatgagcac gubogoggac tiggocgoat caatgaggag caagatbab gagoaggag toggtigtag caabgagaacto tiggocaacagaagaa caabgaggag toggtigtag caabgatact agcoctgotg gogaagatog aagaagaagaa caabgaggag tiggoaggagat gattgagaa paacqtooca atgagotoba taaaqaagaa caacqacagg gagotigtag tigattgacaa paacqtooca atgagotoba tcaaqaagaa caacqacaga gagotigtaa toggaattaat tigocqataaa gaggaattaat acgagaagga caagaattaag gaggattaatcaaagaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaagaa caacqaaagaa caacqaaaqaaaaaaaaaa	3780 3840 3860 3860 4020 4080 4140 4280 4280 4380
ggcagracct ggcangintg quacqqaay tystqodda thaataagtt ggaqtcatta atqacaaagt catchygrat tatctgaaba taaaacacta thaataagtt ggaqtcatta commanda aaggaage cacctatcaa gitgtactgo ottomaabg aaggaaged gattgaggaa aaggaggag cacctatcaa gitgtactgo ottomaabg tiggocgoggat gagoctgtog gootabootgo tiggocgoat caatgagcac gubogoggac tiggocgoat caatgaggag caagatbab gagoaggag toggtigtag caabgagaacto tiggocaacagaagaa caabgaggag toggtigtag caabgatact agcoctgotg gogaagatog aagaagaagaa caabgaggag tiggoaggagat gattgagaa paacqtooca atgagotoba taaaqaagaa caacqacagg gagotigtag tigattgacaa paacqtooca atgagotoba tcaaqaagaa caacqacaga gagotigtaa toggaattaat tigocqataaa gaggaattaat acgagaagga caagaattaag gaggattaatcaaagaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaaagaa caacqaagaa caacqaaagaa caacqaaaqaaaaaaaaaa	3780 3840 3860 3860 4020 4020 4140 4240 4340
ggcagracct ggcangint ggacggaay tyntagoda thaaaaacta thaataagtt ggaqtcatta atgacaaagt catchygrat tatotgaaba thaaaacacta thaataagt ggaqtcatta catchygrat cacctatcaa gitgtactgc citchraqabg aabgacggg gattgajgaa aajgojjog cagcoggaat qagootgtog jootabotga tygbocgoat caaggigaa aaaaababgg gagtojtga chatqagaaa juboybgaago tygbocgaa caaggigaga toggtojat gagagaacto tygbocgaagaa aagagaaagaa caaggigaga tagacgagat gagagaacto tygbocgaagaa aagagaaagaa caaggigaga gaacaataab gagagaagaa caaggigaga tagatgajaga tagatgagaa qaacatcaag gagatabaga aagagaaaga caagattaga caagattaga caagattaga tagacaaaga caagattaga caagattaga caagattaga tagacaacaa ggcacaaaga gagataaaga aagastaaag gaacaattgab caggacaataa aagaataaag gaacaattgab caggacaataa aagaataaaga gaacaattgab caggacaataa aagaataaga gaacaattgab caggacaagaa aagaagaagaa aagaacaaaga aagaacaaaga gaacaattgab caggacaataa aagaacaataa aagaacaataa tagaacaataa tagaacaataa tagaacaaaga aagaacaaaga aagaacaaaga aagaacaaagaa aagaacaaagaacaa aagaacaaagaacaa aagaacaaagaacaa aagaacaaagaacaa aagaacaaagaacaaaaaaaa	3780 3840 3860 3860 4020 4080 4140 4280 4280 4380
ggcagracet ggcanggraf qgacqqaayt tystqoogoa taaaaacata thaaaaagtt ggaqtcatta atqacaaagt catcaggraf tatctgaaba taaaaacata thaaaaagt ggaqtcatta catcagraf aagggrafec cacetateaa gytgtaetge cttccaqaag aaggaagae gattgaggaa aaggaggagg cqcbgggaat qagcctgtog gootaactqe tygocqcat caaggrafaa caaaatbabgg gogtogtgaa ctatqaqcae guboggaage tygocqcaat caaggaggag ttoggtfatg caabgatabet ggcaaggtoa tagtggagaatba tagtgaagatta gagaagatag aagagaagaa caaggaggaataa tagagagaagaa qagtgaagaa tagagagaagaa caaggattaat tygoqaaaaga gagaabaaga aagagaaaga aagagaaaga tagagaaacaa ggcacaaaga aggagaaataa aagagaaaga aacaattgaa ggataaaga tagagaaaga aacaattgaa ggataaaga aagagaacaa aggagaaaga atcggacga aacaattgaa ggataaaga tagagagaaga aacaattgaa aacaagaaga aacaatagaa aacaagaa aacaatagaa aacaaatagaa aacaaatagaa aacaaatagaa aacaaatagaa aacaaatagaa aacaaatagaa aacaaaaaaaaaa	3780 3840 3860 3860 4020 4020 4140 4240 4340
ggcagracet ggcangintg quacqqaayi tystqoqodd toaataagtt ggaqtcatta atqacaaagt catchgarat tatotqaara taaaaacata toaataagtt ggaqtcatta cacaanaagt cacaggrafec cacctatcaa qiigtactgo citoraaqaag aangaagago quitogagaa aangaagaga qagootgtog gartaaata tigacagago tigacagago cacaatigagoo caatigagoo caggagoo toaggagoo tigagagaacta tigacagagoo aagaacaaga caaggagoo tigagagoo tigagagoo tigagagaacta tigacagagoo aagaagaagoo catgagoogo tigagagoo tigagoo tiga	3740 3840 3860 3860 4020 4020 4140 4260 4340 4870 4870
gradinated gradinity gradinity discontinuous formation of the state of	3740 3840 3860 3860 4020 4140 4140 4140 4140 4160 4160 4160
ggcagracet ggcarggraf ggacggaagt tyragasaacta traaataagtt ggaqtcatta atgacaaagt catcggraf tatctgaara taaaaacata traaataagtt ggaqtcatta caraaraagt gatggraf caactatcaa gytgtactgc cttcraqara aargaagag gattgagga aaagargggaat caactatcaa gytgtactgc cttcraqara tryaccqcat caaggrafaa ctgggrafaa ctatgagcac grootgaga trygrocqcat caaggrafaa traaafaacta tryactaaccg argacagga caaggrafaa ctatgagcac trygrocqcat caaggrafaag caaggrafaa traaagaacta tryactaaccg argacagga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caagartaaga caagargaaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraagaaga caagaraaga caagaraaga caagaraagaaga caagaraagaaga caagaraaga caagaraagaagaagaagaagaagaagaagaagaagaagaa	3740 3840 3860 3860 4030 4140 4140 4140 4160 4160 4160 4160
ggcagracet ggcarggraf ggacggaagt tystacoga at taaaaacata traataagtt ggaqtcatta atgacaaagt catcggraf tatctgaaca taaaaacata traataagtt ggaqtcatta cacaaraagt caccggraf cacctatcaa gytgtactgc cutccacaag aargaagag caaggraf caaggraf caacatatcaa gytgtactgc cutccacag aargaagag caaggraf traggraf caacatatcaa gytgtactgc grotarctgc traccggaagac caaggraf caagattog aaggraf caagattog aaggraf caagattog caaggraf caagattog caaggraf caagattog caaggraf caagattog caaggraf caagattog caaggraf caagattog caagataagg caagattog caagattog caagattog caagataagg caagattog caagataagg caagattog caagataagg caagatgog caagataagg caagagaagaagaagaagaagaagaagaagaagaagaaga	3740 3940 3960 4060 4060 4110 4110 4110 4110 4110 41
gradinated gradinated date gradinated that the analysis of the	3740 3940 3960 3960 4080 4110 4110 4110 4110 4110 4110 411
ggcagracet ggcarggraf ggacggaagt tyragasaacta traaataagtt ggaqtcatta atgacaaagt catcggraf tatctgaara taaaaacata traaataagtt ggaqtcatta caraaraagt gatggraf caactatcaa gytgtactgc cttcraqara aargaagag gattgagga aaagargggaat caactatcaa gytgtactgc cttcraqara tryaccqcat caaggrafaa ctgggrafaa ctatgagcac grootgaga trygrocqcat caaggrafaa traaafaacta tryactaaccg argacagga caaggrafaa ctatgagcac trygrocqcat caaggrafaag caaggrafaa traaagaacta tryactaaccg argacagga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caaggrafaaga caagartaaga caagargaaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraaga caagaraagaaga caagaraaga caagaraaga caagaraagaaga caagaraagaaga caagaraaga caagaraagaagaagaagaagaagaagaagaagaagaagaa	3740 3940 3960 4060 4060 4110 4110 4110 4110 4110 41

200000000000000000000000000000000000000	4920
e ana asanga inagatatasa atgitasasa agagsaalaa yaaadaaaa saray saray	4980
- The control of the	5040
- varadana - vara - in or as as as sas as adagadada dangadada dangadagada - sasawas sasa	5100
- Marialara - 1 1000000 make wa wat watabaadado Doddonayyan - Hayadonaan	5200
- cocctatodd Ghahanawar wangaariifabra abbadabta baddodabdd	5160
- paatoaabgg Pugguatu - aagaabbiit Liillagieee waegebabta btadabbgdt -	5220
	5280
- Farkartart databatatat	5340
	5400
- Pagadalau - In In In Institution Februaria (1980) (1944) - Adada - Adada - Adada - Adada - Adada - Adada - A	5460
tgtogoogao ggooogaogg atgesogade acettagede ; 1995 aagaagtggo toaaagotgga aagaagtggo toaaagotgga aagaagtggo t	5520
toaagotgga aadottoogu didaigugug gaduggan oggootggtg gaadaogoot gogagoaggt oggogaagoo tgogaagagt tgogaggoot tgtggggtg gaadaogoot	
gogagoaggt oggogaagoo tidugaayays tigogaggoog tigtiggggtoa gittooggotig gggtoaatiga tigacotiggtig oattigoaaao gotagggoot tigtiggggtoa gittooggotig	5530
gggtcaatga tgacctggtg dattgcaad gdtagggdoor jobbole gotcgacgca ggggttcagc agccagcgct ttactggcat ttcaggaaca agcgggcact gctcgacgca ggggttcagc agccagcagcag agggaggctc tacgaactgc cgataaacag	5640
dagattoago agodagogot ttadtggdat tibagggdata tagaggadota agogaactac caataaacad	5711
ggggttcago agocagogot tractggcar otdoggacon in 1999 ogataaacag ottgottcago tcagtatogo togggacgoa oggcogacgt	€7€
	5 8 2 1
	5 8 5 .:
goaggattto ogogagatod gattgeoggo obtgatnin getgaaoggt tgegagatge ogtttacqag cacqaggaga aaaaqqoosat gaaqqogtto getgaaoggt tgeaaacagga	
	5947
	€011
ggaoggodda aaggalgodd alaaggogdd todlynolyng caggagggtt tatrgotogt gagaggodga ggggtegoog gtatgolgat gagaggaggt cacagagg	\in C \in D
degaggeega ggggtegeeg gtatgerget ggggggeeg oogsatettea toetegagge	(12)
gegaggenga ggggtinged glatigeliget gugggades viville toctegjinge gatgategte egacagatte eaacegggaat etggtingstig gtetacegee tgeoggjegg	£1 = 0
	1.2 1
	6360
	6560
ggogggggg gtttecatgg cattoggass cytystgass sgcaagtggs aacstroogt ggogggggg gtttecatgg cattoggass cytystgasgg ggasttotgs togttesagt	420
	6490
goototgoto accittació cullygodade gastacada accamidato toxacetgo	554)
goototgoto accettaday colygicada gydysmash acceatgeto toygootgyo agottaqtg totgatoogo caatooogat gootacagga acceatgeto toygootgyo	56: T
	6661
	6720
	5720
	6940
	6900
	6 4 1
gegitigetige egitilities lagge eggs etataaagat accaddedit teedecitiga	7020
gogttgotgg ogttittcoa taggototga detalaagat accaggogtt toopcatgga toaagtcaga ggtgocgaaa opogacagga ctataaagat accaggogtt toopcattgga	7 [] [
	714:
ageteceteg tgegeteted tyltelgate tegesyeteted graggitatet eagitegetg etceptiogg gaagegings gettieteaa tgeteabget graggitatet eagitegetge	7200
	7260
	7320
	7380
	7440
	7500
getigtageg giggittitt tigtitigaagg edysagete agtigaacea aaactbacet caagaagate etitgatett tietaaggeg tetjaagete agtigaacea aaactbacet caagaagatetea edysagete	7560
caagaagato ottigatott tuolaagaga barattoa ortagatoot titaaattaa	7627
caagaagato ottigatotti ilotaagaga bergatottoa ootagatoot iittaaaitaa taagggatot tggtoatgag attatoaaaa aggatottoa ootagatootga cagtiaobaa	7 c 3
	7747
aaatgaagtt ttaaatcaat Gladayta Julyaysaa boottaate bahagtigoo tgottaatea gigaggeace taitetaagug atoigtetat tiopitcate bahagtigot	7193
tgottaatoa gigaggoaco taloitaagog actogalaggot taloatolig beboajilgot tgactocoog tegigagat aactabgata gggagggot taloagaat aaaccagoda	7860
tgactocceg tegitgiagat additional eggingiges trateageaat aaaceageda geaatgatae egegagaeee aegeteaceg geaacettat eegesteeat eragtotatt	7920
	7980
	5040
aaacaagtig cagcaacga totigoaaale tigotaagad aagattitigg tigatoottiga agattitigega totigotige caggotitag gogtratatig aagattitigg tigatioottiga agattitigega tigotagagaa coattiticati gittigaag tigotagatgit goaggiggog gaaacattig atgotagaa coattiticati gittigaag tigotagaagga	E 1 1 0
goaggtggog gaaabattgg atgottgagaa coactobate goring abbott abbottaggaa	E160
	:11)
	#340
tgtacotgoo tgcaattigt acgcaaaatg tggscotatt caogtataaa actagacoto aagtotogaa cgaaacagog atgtactggt actggttoto	8520
Catgualada attagatetti aageetti. Tii ii jiri	

2.3	
200000000000000000000000000000000000000	9590
gggagoadag gatgaogoot aadaattoat toaagoogad abogottogo ggogoggott gggagoadag gatgaogoot aadaattoat toaagoogad abogottogo ggogoggott	8640
그는 그는 그는 그는 그는 사람들이 어떻게 되었다. 그 가는 그를 보고 있었다면 그는 그 생생님에서 어디지를 하는 것이 되었다. 그는 그는 그는 그는 그를 보고 있다.	5700
aduluayyay loomatala ayadaaatot odaabogaag tigoiggoog cadauulyon	8760
- ayayy-ay yyastanii.i. Li Liniyee aan ahahadtaat attqatttiga liyyu-ayyy	5 5
- GANGER	8820
- qabbgtaagg bitgatgaaa baabybyyog aguberna nabbatta tiqtqaabga	5850
	8940
- annote have congratati atadayukaa yuguyaang sarahii ili ili ili ili ili ili ili ili ili	9000
n sa ranah nengaagata tottogagoo agooacyaud yadauuyada dyyanaan	9060
Zatys zalas zzagdadas stadogttgo ottggtaggt obaybygugg agguduber	9120
- googanti	9180
- Paganings	9240
- Corporation and a garage resident and a garage and a ga	
gtacagogoa gtaacoggoa adacojogoo gduggaagoo j j j j j j j j j j j j j j j j j j	93.70
gogootgoog goccagtato agoccitoat dotogaaga titigitoact acgigaaagg agaagatogo tiggootogo gogoajatoa giiggaagaa titigitoact acgigaaagg agaagaagato cattoaagoo gacgoojitt	9300
aqaagatege ttggcotege gogoajatta gotoggagaa oo gattaaagaa qaagacastt	9423
agaagatege tiggeetege gegealated greggealat egitteaagee gaegeegitt egagateace aaggiagteg gealatiagea getigggaag astatgeeg atetgitijaa	94:1
	95:17
egeggegegg ettäästeaa gegetagava ateggggeag geaettgetg acetegesaat ggtggtteta agestegtae ttgegatgge ateggggeag geaettgetg acetegeaattee	(4) []
ggtggttota agoctogtad tigdgatggo atoggggodg gar tgttttagtg gatgaagoto gtotthoota tgaotactoo obatcoaabt abgacatito tgttttagtg gatgaagoto gtotthoota tgaotactac obatcoaabt abgacatito	966
tgttttagtg gatgaagoto gtott Gota tgabtadda aftocatcaa attacgalaa toosaagosaac tacgabaact coatasgosa ttacgacaat agtocatcaa attacgalaa toosaagosaac tacgabaactog	9720
tocaagoaac tacgacaact doaldagoaa etudgueda	
ototgagaga aadtacgata atagaratan danninggo qqotactacg toattgasaa	37 € Î
crottgagago aactacgata ataguicato castutogo ggotactacg tiattgoiaa taggottita tatagogoaa atggototog castutogo ggotactaca coolaaaaagg caatgggioa acgaacttot tinccacato tggoaaaagg atgttotaca coolaaaaagg caatgggioa acgaacttot	A = 4 1
caatgggica acgaacttot titocokale tygettatyo aggocattat toqtcataaa	किकेदी हैं।
caatgggaca acgaacttot tilletaala tygouaria ggggegelge gtotatigee geaaalatig gagettotue gggeattig togteataaa ggggegelge gtotatigeeg geaaalaa engeetgaag atcatgtato taagcaacta	9960
ggggegeige gtetätigeg gudadjatag gyggeetgaag ateatgtate taageaasta tggeeaastt tegentigee tgaeget ggeetgesat titgggggig ggeegtiege	10010
tggccaattt togottgcco tgadagataa oggotgccatt tttggggtga ggcogttogc gcctgctotc taataaaatg ttaggagctt ggctgccatt tttgggggtga ggcogttogc	10080
gootgototo taataaaati tuayyagiitig gagicoogog tragoggoo gagaaggitio ggoogagagg ogcagooot gagaggatig aggicoogog googagagaci	10140
	10200
	10160
	10340
tgtcaatagg tgcgccctc allowed an attraction cgcaggcac ttatcoccag	10380
tgtcaatagg tgggggggta atdgggtage addetgaatag cggaaggggaa thatgowcag cootcatotg tcagtagtog ggggggaar gggttttaga cgatttyaga	16440
decteatety teagtagtey egetettaa gegeteataa gegittitige egatityiga gettyteeab ateatetyty ggaaaatege gtaaaateay gegittitige egatityiga gettyteeab ateatetyt gaaaagaaya	10500
gottgtocap atcatotgtg ggaadersge gladdollg costratitg toaabgogs ggotggodag ofboacgtog obggodaaa togagootgo obstratitg toaabgogs ggotggodag ofboacgtog obstrating toaabgodaa	10560
ggotggooag otboacgtog coggicqaaa togagooost catotgtoag tgagggoaa geogggtgag toggeooot aagtitoaac gtoeggooot catotgtoag tgagggottog	10620
googgetgag toggecooto aajticoaac geoggeogeg gegistejea caeggetteg getteegeg ajgtateeac aaeggeogeg geoggeogeg gageesajg gogajgicaa	10665
guttucegog alguatocad adugucagog gudaganaga cagospajeg gogalgipaa acggegitus tygogogitu gealgagosat agacggeogo dagospajeg gogalgipaa acggegitus tygogogitus acagogogo atottgotgo guttugaatat tutojugaga	16740
acggegitte tygegegitt geagygitae agatyge ytteggalab titegigag caageeeggi gagegiegga aagggingae atchageag giteggalab tetegigigi	10305
ttocogscae agaccoggat tgaaqqogaq dobbaqqoga gaaaqaqoga caagcagats acggaasttt gocgoqtgat gactqqocaq gasqatttt oggsqctqcq ctacqtoogs	10860
acgaasttt geografiat gactygedag gabytettt oggegotigeg etacitrege acgattiteg acagestegg attitigeate gaggattite oggegotigeg etacitreges acgattite	10910
acgattiteg acadegtegg attiquaes gaggattites by some coaparquag gacogegtig appared accadenge practical aggregation aggregation accadenge accadenge to a coaparquagation and coaparquagation accadenge	10980
gacogogitg appgateaag ccacagoage blackgacht toogachtt gagtagitga	11040
gacogogitty appatically ocacagolage oblatecyaco solution aggregating ocal aggregation to the top act	11100
deaagggate tiittigaat gelgitlege balbeegag geaacestet agsteesatg acagaagtea tiategtacg gaatgerage asteesgag geaacest titaaatate egstatiota	
acagaagtoa tiatogtacg gaatgolago abesongag gaaran ingitattota cacatadaaa tigangaacg gataaabott tidacjooot titaaatato igitattota	11220
cacatadaaa tigaabgaadg gataadabti iitdabyadaa attaaada bigatagtit ataaadgoto tititototta ggittaabag baaatatato oligibaaada bigatagtit ataaadgoto tititototta ggittaabag baaatatagaga aattaadgga gibaagtiat	11040
ataaabgoto ttitohotta gottiabbog bbaatatato olgabadada bagataf aaactgaagg ogggaaacga baatbigato atgaqbggag aattaaggga gibacqitat abactgaagg ogggaaacga baaaggga ttitabgittig daactgabag aabbgbaacg	11340
aaactgaagg cgggaaacga caatsigate acgaggggg dactgacag aaccgaaacg gaccccacc gatgaaggg gacaagcgt tittacgttig gaactgacag aaccgaaacg	11490
attaatgeag coggoacgae aggettoolog doolggarage voi asactteatg ottoologiste traatgegag trageteact cattagrade cocaggotti asactteatg ottoologiste traatgegag trageteact cattagrade cocaggotti asactteatg	11611
ttaatgtgag ttagctcact dattagidac doddygddac aggaaacagc tatgaccatg gtatgttgig tygaattgtg agcggataac aatttcacac aggaaacagc tatgaccatg gtatgttgig tygaattgtg tagcactata gaatactgaa gctatgcatc caacgugttg	11537
gtatgttgig typaattgtg agogyalaad udoloosaa johatgbato baabyryttg attacqocaa qotatttagg tyacactata gaatabtosa johatgbato baabyryttg	11643
attacqccaa qrtatttagg tjacactata yaatabbaha yaaraattoona atcobabaaa	11735
attacqccaa qotatttagg tyacactata yaababbba yoonabaa atcobabaaaa ggagetetoo catategabo tycagqoyge byoteyabya attaattoba atcobabaaa ggagetetoo catategabo tycagqoyge baaqabaaa atcyggtatt baababbbb	11783
ggagetetse catategase tigeagginge blootsagarana atenggratt baabarbote aatetgaget taabageaba gitteetsete tbagangana atenggratt baababarang gatatababa gabiggigtt	11121
aatotgagst taacagcasa gibgellote laagagaag tatatasgat gastgaggtt atatcaasta stacgttgtg tataacagtt gasagtagta aatatcaasta stacgttgtg tataacaggt gasagtagta	
gtacaaaggo ggcaacaaac gglyciloog gagosagtoa gcaaacagac aggttiaalt cagaggcaag agcagcaget garlootaca baacaagtoa gcaacagac aggttiaalt	
toatoscoaa aggaqaagot Gadottaago Goddyagott 1900) yoo agtgatooag cagcaaagoa agtgatooag cagcaaagaa aggacoago agtgatocag cagcaaagga aggatttosto tatotttacg	::160
caccaaagca aaaagcccac Eggottaacgo taggaadaatiga cgattttosto tatotttacg	
coccasaaga jatotootti gooddygaya ludduddyy by atotaggaag yaagttogaa ggtgaaggtg acgacactat gttcaccact gataatgaga	12190
atomaggaag yaagttogaa yyuyaayyuy acyacacca saa	

2 -
a matamataga daggotaga 12240
agginagosi citcaatito agaaagaaug olgabboada gabs, yo aaataccito 12300 caggagato aaataccito 12300 caggaggist catcaagacg atchaccega giaacaaatoi ccaggagagato aaataccito 12300 caggaggist carcaagaga ar caaaagan isaagaactaa itgcatcaag aacacagaga 12300
cagoaggist patcaagasg atstasooga guaabaator boaggist scaagaaggi taaagatgoa gibaaaagai tsaggastaa tigoatsaag aacasagaga 12360 scaagaaggi taaagatgoa gibaagaana ribbagtatg gasgatisaa ggotigotio 12420
ccaagaaggt taaagatgoa gtsaaaagat toogggactaa togoon 12420 aagacatatt totcaagato agaagtacta ttocagtatg gacgattcaa ggottgotto 12470 aagacatatt totcaagato agaagtacta toocagaaaaa ggtagttoot actgaatcta 12470
aagabatatt totoaagato agaagtadda 1000agtadg garag toot abtgaatota 124%) ataaabbaaag gbaagtaata gagattiggag tototaaaaa ggtagttoot abtgaatota 124%)
ataaaccaag yeaagtaata gagattgaaate gaggatetaa cagaactege egtgaagact (1284) aggeeatgea tggagtetaa gatteaaate gaggatetaa cagaactege egtgaagact (1284)
aggopatypa tygagtotaa gattoaaauu yayyaubuda beyah ya siitogtoaab 12()] googaabagt toatabagag tottittabga otbaatgaba agaagaaaat biitogtoaab 12()] googaabagt toatabagag tottitabga bibaaaangtoa aagatabagt otbagaagab 12()]
ggogaasagt toatabagag tottttabga oblaatgtba aagatabagt otbagaagab 12600 atggtggagb abgababtot ggtotabtbb aaaaatgtba aagatabagt otbagaagab 12600 atggtggagb abgababbat 12600 araatttbbb gaaabbtbbb oggattbbat 12600
atgytygago acgacactot gytotadilo adadaugtou adymin jagatilocat (1274) caaaggyota tigagactit icaacaaagg ataattilogg gaaacctoot oggatilocat (1274)
baaagggota tigagactit tidaddaday addutalogs si tigoobagota totigicacti catogaaagg adagtagaaa aggaaggtigg ciootacaaa 1274) tigoobagota totigicacti catogaaagg abagtagaaa tototigooga bagtiggicoo 1244)
tgoddagota totgtoactt catogaaayy adaytayaaa ayyntyo yo o 12-40 tgoddagota totgtoga cagtggtodd 12-40 tgodatoatt gogataaagg aaaggotato attoaagato tototgodga cagtggtodd 12-10
tgocatoatt gogataaagg aaaggetase accodagase in gogatoo aaccacgtot 12:1) aaagatggac coccaccoac gaggagcate gtggaaaaag aagacgttoc aaccacgtot 12:1) aaagatggac coccaccoac gaggagcate gtggaagaaa gggatgacgc acaatoocac 12:41)
aaagatggad coccaccoad gaggagdadd goggaddadag daga gagatgadgd acaatoocad 1296) toaaagcaag tggattgatg tgadatotod actgadgtaa gggatgadgd acaatoocad 13920 toaaagcaag tggattgatg tgadatataa ggaagttgat ttdatttgga gaggadacgd 13920
toaaagcaag tggattgatg tgadatdile addyddydda gyr 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
tatoottogo aagadootto oldtatalaa ggadgeedaa laaatgatata aatatoaata 1311) togagadaag titgtacaaa aaagotgaad gagaaaogta aaatgatata aatatoaata 1314)
togagadaag titigtadaa aaagatgaad gagadaagaa digtaaaada daadatatoo 1314) tattaaatta gattitigdat aaaaaadaga dtacataata otgiaaaada daadatatoo 13
tattaaatta gattitigsat aaddadadaya oldoddadada
agreactatg aatoaactac tragaryyta traggreed y some satisficitie 131r) caaatgitet tegggigatg etgecaacti agregacega cageetteea aatgitette 1311)
caaatgttot togggtgatg otgodaddt agttguddga tap- toaaacggaa togtogtate cagodtacte gotattgtoo toaatgoogt attaaatcat 13:1; toaaacggaa togtogtate cagodagoo totittttgt gtgacaaaat aaaaacatot 13:1;
toaaaoggaa togtogtato dagodiadoo gotatogood tabba aaaaaaat aaaaaaatot 13%; aaaaaagaaat aagaaaaaga gotgogagoo totittitgt gigacaaaat aaaaacatot 13%;
aaaaagaaat aagaaaaaga ggtgcgaydd tdittdigg gagaa acctattcat atacgctagt gtcatagtcc tgaaaatcat ctgcatcaag aacaatttca 13:11 acctattcat atacgctagt gtcatagtcgt tcggcttcat ctgcattttc agcctctata 13:11
acctatteat atacgetagt greatagies igaaadteat digattite agestetata 13:11 caactettat actitistet tacaagtegt teggeticat etggattite agestetata 13:11 caactettat actitistet tacaagtegt teggeticat eggetigeag actigetigta 13:11
caactettat actiticiet tadaagtege teggeeddau 1990 octaetaaa actgeetgig 1990 octaetaaac gigataaagt ticigtaatt tetaetgiat egacetgeag actgeetgig 1990 octaetaaac gigataaagt ticigaagt gaagateagg tiaatggeet tittgatgie 1990 octaetaaac
cttactaaac gigataaagi tidigidadt testucagi tiaatgigogi tiitigatgio 13000 tataagggag cotgacatti atattococa gaabatcagg tiaatgigogi tiitigatgio 13000 tataagggag cotgacactig tigaggata acggagacci gcacactgg: 13000
tataagggag cetgacattt atatteetta gaabateagg ata acggagaceg geacactggo 13000 attttegegg tggetgagat cagecactte ttelecegata acggagaceg ggtaaagtto 13740
attitogogg tggotgagat dagddacite tibboogata ary, accadeng ggtaaagtto 13740 catatoggtg gteateatge geoagottte ateocogata tgcaccacca toogtegood 13800
catatoggtg gtcatcatgc gccagacttc abbacada agratcacca tocgtogcco 13800 acgggagact ttatotgaca gcagacgtgc actygocagg ggyatcacca tocgtogcco 13800
acgggagact ttatctgaca gdagacguge accyyobwyy say gggcgtgtca ataatatcac totgtacato cacaaacaga cgataacggc totototttt 13360 gggcgtgtca ataatatcac totgtacato cacaaacaga cgataacggc acaagagccgt 13300
gggcgtgtca ataatatoac totgtacato cacarasaga totgtcagca aaagagccgt 13900 ataggtgtaa accttaaact goatttcacc agtocctgtt otogtcagca aaagagccgt 13900 ataggtgtaa accttaaact goatttcagca toccttoctg attotcogct ttccagcgtt 13900
ataggtgtaa accttaaact gbanttcact agestosges trop significance 13952 toatttcaat aaabogggog acctcagboa tocottootg attitoogst ttobagogtt 13952 toatttcaat aaabogggog acctcagboa togettgtgct tabbagaabg gagatattga 14940
eggeacgeag acgaeggs: thattetysa eggetysta actyteacty taatacgety (1410) catcatatat geottgagea actyataget gtegetytea actyteacty taatacgety (1410)
catcatatat goottgagsa astgatagst geographic ogatsaacgt otcattitog 14160 ottcatagca cacototttt tgasatastt ogggtagtgo ogatsaacgt otcattitog 14220
cttcatagca cacctotttt tjasatastt ogggsagaga coajjattta tttattotgo 14220 ccaaaagttg gcccaggget tocoggtato aacagggaca coajjattta tttattotgo 14220 ccaaaagttg gcccaggget atgotgccaa 14212
ccaaaagttg gcccagggst todoggtate aacagggada tony, gaagtggtg atgotgccaa 14241 gaagtgatet teegteacag gtatttatte ggcgcaaagt pegtogggtg atgotgccaa 14241 gaagtgatet teegteacag stattatte taagtagttg attoatagtg actggatatg 14341
gaagtgatot toogtoacag gtatttatto ggogtadago sin alastg actggatatg (1434) ottagtogae tacaggtoac taataccato taagtagttg attoatagtg actggatatg (1434) ottagtogae tacaggtoac taataccato taagtagtag atotaattta atatattgat (1440)
cttagtogac tacaggicac taataccale taagtagteg abbouts the atatatigat 14401 tigitgittita cagtatiatg tagtotgitt titatgcaaa atctaatita atatatigat 14401 tigitgittita cagtatiatg tagtotgitti titottgiac aaagtogici ogaggaatic 14401
ttgtgtttta cagtattatg tagtotgttt tttatgddd arbitagtot ogaggaatto 1446) atttatatoa ttttacgttt otogttcago tttottgtac asagtogtot ogaggaatto 1460
atttatatoa tittaogitt otogittago teleberged alagrigata taaaatagit 14520 ggtacoocag ottggtaagg aaataattat titotititt ootittagta taaaatagit 14560
ggtaccccag citiggiaagg adalaattat tetebereber aagtgatgit aattagtatg attataataa tatagtigti ataattigiga aasaataatt 14560 aagtgatgit aattagtatg attataaataa gtaatgiaaa aaaatatgac aagtgatgig 14640
aagtgatgtt aattagtatg attataataa tatagttget deadtagac aagtgatgtg 14040 tataaatata ttgtttacat aaacaacata gtaatgtaaa aaaatatgac aagtgatgtg 14040 tataaatata ttgatcgaac 14700
taaqacgaag aagataaaag tigagagtaa gidabataa taatagtaat totagotgat 14760
atgraagatg atatastagg attaatatt gesteadan hisagaataa ataaattaaa 14800
atgtaagatg atatastage attaatatt gttttaated taatagsade sootags 14800 ttgatgaatt aaatateaat gataaaatac tatagtaaaa ataagaataa ataaattaaa 14800 ataatattt tttatgatta atagtttatt atataattaa atatetatac cattactaaa 14800 ataatattt tttatgatta atagtttatt gttagaaatt ccaatotgot tgtaatttat 14340
ataatatttt ttuatgatta atagtttatt asaladulaa asalosassa tataatutat 14340
ataatatttt titatgatta atagittade abaidacean chaatstgot tgtaatttat 1434% tattttagtt taaaagttaa taaatatttt gttagaaatt aatatsaaac taatagaaac 18000
tattitagtt taaaagttaa taaatattii gelagaadee shaariiga taatagaaac 18000 caataaacaa aatattaaat aacaagetaa agtaacaaat aatattaaac taatagaaac 18000 caataaacaa aatattaaat aacaagetaa agaagegea agatetataa 18000
caataaacaa aatattaaat aacaagotaa aysaacaddo darahaagogca agatotatba 15000 agtaatotaa tgtaacaaaa cataatotaa tgcaatata astaaagogca agatotatba 15000 agtaatotaa tgtaacaaaa cataacaataat astagtagtt 15000
tittatatag tattatitto aaloaddat bilacatuaat tagtojaaca tqaataaaba 1818)
ttattaactt ctaaatggat tgactallaa ltaatcaatc fracatttag attgattaca 15140
aggtaacatg atagatoatg idattylygg tragatorto tagacpactt tgtacaagaa [fill]
gttgggaago tgggttojaa attggataago taggatata framaattaga titttgcataa 1836
agotgaacga gaaacgtaaa atgatalaaa bacatatcaag toastatgaa toaactactt 1841)
agotgaacga gaaacgtaaa atgatataaa tatoaatata tobbbbbbbbbbbbbbbbbbb
aaaacagact acataatact gtaaaadada atalaceedg tollatt gage liiff agaacagacta agtogactaa gttggcagca tolaccocgalg cactttgage liiff agaacagatat agtggcagtat agtgacctgt liiff)
agatggtatt agtgacctgt agtcgactaa guuggoagaataa ataaatcotg gtgtocctgt (1884) ogaataaata ootgtgacgg aagatcactt ogcagaaatga gacgttgato ggatttcaca (1861)
tgatacoggg aagoootggg ocaactitite gogatroator gastitaag octotatact like0
tgatacoggg aagoostggg ddaddillig gogaldaddu 1977 1972 octotatact 19780 actotiatac introfetta caagtogtid ggottoatot jgathicag octotatact 19720
tactaaacgt gataaagtti digidalidid laddgaddog Fil aatggcgtti tigatgtcat 14780
tactaaacgt gataaagtti digidalide ladegadee Fri taagggagee tgatatttat attececaga acateaggtt aatggegtti tigatgteat 19840 taagggagee tgatatttat attececaga acateaggtt aggagacgge acaetggeca 15840
taagggagoo tgacatttat attooccaya ababbaggoo warsy y ttoogoggtg gotgagatoa gocaottott occogataac ggagacoggo acaotggoca 15840

```
tatoggtggt catoatgogo cagotttcat coocgatatg caccacoggg taaagttcac
gagagaettt atetgaeage agaegtgeae tggeeagggg gateaceate egtegeoogg
gogt groaat aataloacio rgrabaicea caaacagaog átaacggoto tércittrai
aggitātaaas ottaaasongs aittoasosag tooptginoi ogtoagoasa agagoogtto
atiticaataa acegggoyão etcagooató estrectgat titoogottt scagogitog
gracycagae gasgágátte attotgeaty gttgtgotta esagačegga gatáttgacá
toatatatgo ottgágosao tgatagotgt ógotgtoaao tgtóaotgta átaogotgot
toatagoada dototitttg abatabttöt gitoitgatg bagatgaitt toaggabiat
gadadžagog vatatgaatā ggtagatgtt žtvattžtgž dažadāaaa agaģģotogo
apotottőtő ottatított éftafgattt aataoggoát tgaggabaat agogagtagg
otggatacga ogattoogtt tgagaagaac atttggaagg otgtoggtog abtaagttgg
cagcat cace egaagaacat tiggaagget gteggtegae tabaggteae taataceate
                                                                     16560
taagtagttg attoatagtg actggatatg ttgtgtttta cagtattatg tagtotgttt
tttatusaaa atstaattta atatattgat atttatatsa ttitasgetti stigttisags 1668)
ttttttgtad aaadttgtot agagtootgo tttaatgaga tatgogagad gootatgato 16740
geatgstatt tgettteaat tetgttgtge aegttgtaaa aaacetgage atgtgtaget 16800
cagatisetta cogocogottt oggiteatis taatgaatat atcaccogit acialogiat 16860
tittaigaat aatattotoo gitoaatita oigattgiao ootaotaott ataigiadaa 16920
tattasaatg aaaacaatat attgtgotga ataggtitat agogacatot atgatagago 16980
 gocacaataa caaacaattg ogtittatta ttacaaatco aattittaaaa aaagoggoag 17140
aaduggtoaa accteaaaga ofgattadat aaatottatt daaatttdaa aaggoodbag 171()
 ggg tagtat ctacgacada cogagoggog aactaataac gttcactgaa gggaadtoog 17161
 gitisosogoo ggogogoatg ggigagatto ottgaagtig agtattggoo gioogotota 1722.
 cognangtta ogggmanent tonarroggt congenerge ggeogggtan cognittet 1728)
 gedergagaa ttatyeagea tttttttggt gtatgtggge cocaaatgaa gtgeaggtea
 ascottigada gtgadgadaa atogttigggo gggtobaggg ogaattitigo gabaabatit 17400
 caalgoteag eaglacotge aggoatgeaa getagottae tagtgatgea tattotatag 1746)
 totoacctaa atotgo
 < 210>
       17458
 < [111]:
 . 212:-
        INA
 .113 · Artificial sequence
 +M21 *
4M23 * accept() vestor pHELLSGATE11
  jącegcasta gtgatatice geggecatgg eggeegjąag catgegaegt egggessaat
                                                                         60
  ₹400% 25
                                                                        120
  togeoctata gigagiogia tiacaatica ciggocytog tittacaacg togigacigg
  gaáasoostg gogttassoa asttaatogo stígsaýsaó atososottí ogssagetgg
  ogtastajog aagaggoog capogatogo pottopšaad agttgogdag obtgaatiggd
                                                                        240
                                                                        300
  gastygasat tgtaassytt aatgygttto tggaytttaa tgagstaago acatacytoa
                                                                        360
  gasascatta tigogogito aasagtogoo taaggtosot atoagotago aastatitot
  tgtmaaaaat gotmaatga ogttmoataa attomootog gtatmaaatt agagtmtaat
                                                                        420
  attracticto aatorasata atotgoaatg goaattacot tatcogoaac ticittacot
                                                                        480
  atttscgccc ggatscgggs aggttsteeg geogettggg tggagagget atteggetat
                                                                        540
  gactgggcac aacagacaat eggetgetet gatgeegeeg tgtteegget gteagegeag
                                                                        \epsilon
                                                                        661
720
  gggcgcocgg ttettttgt caagaccgae etgtccggtg ceetgaatga actgcaggae
  gaggeagege ggetategig getggeeaeg aegggegite ettgegeage tgtgetegae
  gtigtcactg aagcgggaag ggactggstg ctattgggcg aagtgccggg gcaggatetc
                                                                         £40
  étatoatore acettastee tacogagada etatocatea teactgatas aatasgasga
  otécataces tigatécese taccisesea ticquesace aagreaaaca tegéategas
                                                                         960
  ogagoacgia otoggatgga agooggiott giogatoagg atgalotgga ogaagagoat
  caugggotog ogocagooga actyttogoc aggeteaagg ogogeatgee ogalggogag
  gatőtőgteg tgacccatág egatgeetge ttácegaatá téatggtága adatágécégé
                                                                        1140
1110
   ttttotggat toatogaotg tggooggotg ggtqtggogg accgotatea ggacatageg
   tiggotádoc gigatátigó igáagágott ggoggógaát gggótgacog óttoctogtg
   otttacggta tegeogetée egattegeag égeategeet tétategeet tettgaegag
   thottotigag ogggaototg gggttogaaa tgaoogacca agogaogocc aacotigocat
```

. Spanning ver inggorfinggs attouttoo	1390
cappagatiti ogattopapo googoption algabaggitt gggottogap ittodoppapo	1440
- duda og ooggi ot gigat galu i uu way way iya gaalaa ka na	1500
	1560
	1620
nggangangkak magamentiga dadaabadag bacagadada namani () () () () ()	1680
ranardosot dasaasatgg aasatogsta tititistigaa gaallaasgot ogoogaanna	1740
	1800
tgtogoggca attgoagota ttgodaadat ogadotadoo oo	1860
tattattoat joggggaaag goaagattaa tooddolggo noogttitoa ataaggaoga taacttoat joggggaaag goaafaagatta tag goaafaagat	1920
taacttcagt tocagogact tyattogott byg gotter gatggtggag taaagaagga gtgogtcgaa gcacatogtt caaacatttg gcaataaagt gatggtggag taaagaagga gtgogtcgaa gcacatoatta tcatataatt totgttgaat	1980
gatggtggag taaagaagga gegegeegtet gogatgatta teatataatt tetgttgaat teetettaagat tgaateetgt tgeeggtett gogatgatta teatatatgag atgggttttt	2041
	2111
taogttaago atglaatdal taadatgodd bygddog aaaacaaaat atagogogoa atgattagag tooogcaatt atacatttaa taogogogotaga aagatagaat taattooagg	216
atgattagag tocogcaátt atacatotaa tad 1000000000000000000000000000000000000	222
	2250
	2343
	241)
tatatostgo dadcagodag odaabagoto ooguttaagog gdagagoogt tgtaaqgogg otogatacag gcagoocato agtoogggat ggogtbagog daactaadot qoogggtttig	_ 7
	14(1)
cagacttigo teatgitade gatgotades gidagamini angatgadag agegingeng aaacacggat gatetegegi agegiagear gitjantatt atcageette trattuatit	- 2 5
asacacegast gatetegogg agggtageat gottagast atcageette trattoatit cottetgates aatateatet coctegeaga gatergastate ecageette aggaastege	2590
	2644
otogottaad ogtgacajgi tyllyatott gayaanta tagaagtgaa ogttgacgat tggataaago ogctgaggaa gottgagtgag gitatitott tagaagtgaa ogttgacgat tggataaago ogctgaggaa gottstoogg	2743
	2760
	2 - 20
	2559
ettgatgtat deaacggraf Caallaggala gadaaaril gotcaabgra aatootgoto ggtgttoott ottoactgto cottaattopo acctagragg caareegatg cotratgaaa	2940
	3000
tgcgaggetg geoggetace geoggetaat tactgattta gtgtatgatg gtgtttttga coaagoosae caggggtgat getgecaet tactgattta gtgtatgatg gtgtttttga	3060
graagomad daggggtgat gdtgddadd tullgatera gattagotan tgabggggtg ggtgbtedag tggdttetgt tidtadago tgabbestedt gattagotan tgabggggtg	3110
	3180
ggtgotcoag tggottotgt tittatoago tggodotato totgototca otggocgtaaa gtqogtaacg gcaaaaqcao ogooggacat totgacgg gtacgcacca gaaaatcatt	3240
	3300
acatggeaac tgcagttcac ttalabaget conductory geattatggg egittqqcctc gatatggcca tgaatqqcqt tggatgccgg gcaasagcs ggtaacctcq egcatacagc	3360
	3421
aacacqafttt tacqtcactt daddaasida ggasqaasa qtqqqqqctat qtcqqqqqta cqqqcaqtqa oqtcatqqtc tqrqcqqt atqaraqtat cqqqaaqaaq qttqttqcqq	3450
	3540
aatogogoda gogotyyetg kirinasiin tagagogtot tatgagootig stigtoasost acqtattogg tigaacqsact atgagogotig tigaacqsact atgagogotig tigaaqqqqaa	3600
	3660
	3720
	3780
agradianit ggdacgadig ggalggaage egulyanada toaataagtt ggagteatta atpacsaagt catogggdat tatotgaaba tasaaseacta toaataagtt ggagteatta	3940
	3900
	3960
	4020
	4086
	4147
pangangng trongst and change by the grand and the pangangness and the pangangness of the grand pangangness and the pangangness	4.000
	4260
tragocycta aaacggoogg gagotytat regtyraygg baagattogg aatacbaagt toaagaagag egacttogog gagotytat regtyragtg baagattogg aatacbaagt	4320
	4380
acjaqaagga eggedajaeg gettadijiga biyaataagg peabattise bejgegtgag tegacabea ggeaceagge gggteaaate apgaataagg peabattise bejgegtgag	4447
	4500
	48.60
	4820
	4680
	; ~ ;)
	4 = 10
acgacatggo cogetetgoo digiteacea eggacgtgaa gateacotae acoggegteg tgcaaaacaa ggtcatttto cacgtcaaca aggacgtgaa gateacotae acoggegteg	100

~ 벽	
777777777	5040
agetgeggge egaegatgae gaaetggtgt ggeageaggt gttggagtae gegaagegea	5100
agetgeggge egaceated acetteaegt tetaegaget tigeeaggae etgggetggt egecetategg egageegate acetteaegt tetaegaget tigeeaggae etgggetggt	5160
- poporatogg ogagoogato additioadys tobadyest grogogopta paggogapgg - ogarbaatgg obggrattap apgaaggop aporggaatg grogogota propoabogot	5220
ogatoaatgg coggtattad asgaaggoog aggaadgood good otgcacogot ogatgggott caogtoogac ogogttgggo acotggaats ggtgtogotg otgcacogot ogatgggaaa	
ogatgggott cacgtoogad ogogtogggd abboggdadd 55 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5280
toogogtoot ggacoguggu aayaaaaaagu bookkinar afgggaagaag taoogcaago	8340
todgogtodt ggadogtiggo aagaadadu boogurgood atgggagaag taddgdaago togtogtigot gtttgotiggo gaddadtada ogaaattoat atgggagaag baddgdaago tigtogdoggaa ggoodgacgg atgttogaot atttcagoto gdadogggag oogtadoogo tigtogdoggaa ggoodgacgg aagaagtiggo	5400
totogoogae ggooogaegg atgittigadu aatatuugadu pageegegto aadaagtggo	5460
tgtogoogae ggooogaegg atgillogaet alleeggatte bacoogogtg aagaagtggo tbaaagotgga aacottoogo otbatgtgog gatoggatto bacoogogtg aagaagtggo tbaaagotgga gaacabtoogo tgagaagagt rgogaagoag oggootggtg gaacabgoot	5520
tcaagotgga aacottoogo didaugugug gadoggaari ay ggootggtig gaacaogoot gogagoaggt oggogaagoo tgogaagagt tgogaggoag oggootggtig gaacaogoot	5580
gogagoaggt oggogaagoo tgogaagagu tgogaggoot tgtggggtoa gttooggotg gggtoaatga tgacotggtg cattgoaaac gotagggoot tgtggggtoa gttooggotg gggtoaatga tgacotggtg cattgoaaac ttoaggaaca agogggoact gotogaogoa	5640
gggtcaatga tgacotggtg cattglaado gotdgggoot sy yyyy getegacgca gggggttcagc agocagcgct ttactggcat ttcaggaaca agogggcact getegacgca gggggttcagc agocagcgct tactgacagca gggggctc tacqaactgc cgataaacag	5700
ggggttbagb agobagogst ttablygbab blookggadda by yyy ettgottbgb tbagtatbgb togggadgba bggbggbtb tabgaabtgb bgataaabag ettgottbgb tbagtatbgb togggabgb pagattbgb bggbbggabgt	57€0
ettgettege teagtatege tegggaegea eggegegear oggettggag eggeegaegt aggattaaaa ttgaeaattg tgattaagge eetgaagaaa geteeaagag tgttegggte	5811
aggattaaaa tigacaatti igacaaaggo eelgaagaaa gotooagaga tigttoggito goaggattio ogogagatoo gattigtoggo ootgaaggatti gotqaaciigt tigogagatigo	5853
gcaggattto ogogagatoo gattyttyyo ootgaayaaa yo gotgaacggt tgcgagatgo ogtttacgag cacgaggaga aaaagcocat ggaggogtto gotgaacggt tgcgagatgo ogtttacgag cacgaggaga aaaagcocat ggaggogtto gotgtoggtot tcaaacagga	5941
egtttacgag cacgaggaga adadycocat gydygogott y y y cacacagga egtggcatto ggcgcctaca tegacggega gateattggg etgteggtet teaaacagga egtgggcatto ggcgcccgaaca	€0.
egtggeatto ggegestada tegacygega gateroogge gtittegtgg agecegaáda ggaeggeses aaggaegete acaaggegea tetgteegge gtittegtgg agecegaáda	6061
ggacggcccc aaggacgctc adaaggogda totgcooggttg coggogggtt tattgctcgt gcgaggcgttg coggogggtt tattgctcgt gcgaggcgttg coggogggtt tattgctcgt	(12)
gogaggooga goggtogoog gtatgotgot gogggogtog orphysis tootoggogo gatgatogto ogacagatto caacgagaat otggtggatg ogcatottoa tootoggogg gatgatogto ogacagac tgooggoogg	618:
gatgategic egacagatic daadgigaal deggeggdig syr- acttaatati tegetattet ggagorigit gittatting giotaeegee igeeggegg acttaatati tegetattet ggagorigit gotgatgete gigtteatet eigeegetet	
acttaatatt tegetattet ggagditgit gentateedg general etgechetet ggtegegege acgetaggeg etgtgeagee getgatggte gtgtteatet etgechetet ggtegegegt acttageggaa etgegegegt	£241
ggtogogog angitaggog otgitgdagio golggoggi attigoggaa otgogoggi gotaggiago ongataogai igaiggoggi onigggggot attigoggaa otgogogosi gotaggiago ongataoga onnaggiagog gotagaiosi ginggoging cagogogosi	6317
gotaggtago cogalagga casagnaga gotagatest gtoggegtog cagegggest	e3e1
getaggtage eegataegat tgatggeggt eeliggggge activities gaeggggeet ggegstgttg gugttgaeae caaaeneage getagateet guggagggg accurengt ggegggggeg gutteeatgg eguteggaae egugetgase egeaagtgge aaccurengt ggegggggge gutteeatgg eguteggaae egugetgase ggaettetge teguteeagt	64.1.1
ggogggggog gittosatgg ogittoggaas ogigeorgja ggaettotge tegittosagt gestotgets accittacog octggaast ggoggergja ggaettotge toggestyge	6470
gostatgota accettadas colegianas garaganas accaatgeta taggoatgo	6545
gestetgete accettaceg detgg.adut ggesgesge accaatgite teggeetge agettagtg tetgateege caateeegat gestacagga accaatgite teggeetge gtggetegge etgateggag egggtetaas etaetteett tggtteeggg ggatetegeg gtggetegge etaagaaget	6601
gtggetegge etgateggag egggtetagg ettaterage egggategeg etaagaaget	566)
gtigetegge etgateggag egggettaab deddette egggategge etaagaaget aetegaacet acagttigtti eettatigga atagegeaga gatgegtaag gagaaaatae	6720
actographic adapting the contracting detection of the standard actographic attentions there are actographic actogr	67 8 3
attgocyccy atciticatat godyt fryda atacogodus y s cycatcaggs gotottocgo ttootsgoto actgactogo tycystoggt cyttogysty cycatcaggs gotottocgo ttootsgoto actgactogot tatooacaga atcagyyyat	ာ်÷∔ါ
egeateagge getetteege tedettyste deligateagget tatesacaga atcaggigat eggegagegg tatesacata etcasacaggeg gisataoggit tatesacaga atcaggigat	6900
eggegagegg tateagetea eteaaaggeg galasaagge eaggaaeeg taaaaaggee aacgeaggaa agaacatete agaaaagge eagcaaaagg eeaggaaeeg taaaaaggee	69ଟ୍ଡ
aacgcaggaa agaacatgtg agcadaayyo caycadaayyo in jy gogttgotgy ogtttttoca taggotoogo bobootgaeg agcatcacaa aaateyacgo gogttgotgy ogtttttoca taggotoogo bobootgaeg agcatcacaa acatcyacyo	76.10
gogttgotgi ogttfttoca taggotocyb bewoodgad gogtt toodootgia toaagtoaga ggtggogaaa ooogadagga otataaagat accaggogtt toodootgia toaagtoaga ggtggogaaa ooogadagga otagaggtta ooggatabot gtoogoottt	7. =
tcaagtbagk ggtggcgaaa cobyalayya ttallaaggat acceptatacet gtbogoottt agctbocotcg tgcgctctco tgttcagaco etgoogetta eeggatacet gtbogoottt agctbocotcg tgcgccccc tgttcagaca tgctpacgat gtaggtatet cagttoggtg	7140
agetocottog tgogototes tgittogas tgotosogot gtaggtatet cagttoggtg etcocttogg gaagegtgoo gentiotesa tgetosogot gtaggtatet cagttoggtg	7200
etceettegg gaagegtige gentitities typelusyse grand eagestige taggtegtte geteesaget gagetigtig caegasacee cogiticagee egacegetige taggtegtte geteesaget ategeractig	7.160
taggtogtto gotocaagot gygolijagty cabysate agacacgastt ategoracty goottatoo; gtaastatog tottgagtto aasocaggtaa gasacgastt ategoracty	7324
	7330
geageagesa etiggtaacag gallagadag gogaggacag tatitggtat etigegetetig tigaagiggt pgestaacta eggetaract agaaggacag tatitggtat etigegetetig	7440
tigaagiggi ggostaasta oggotasast agaaggatag sacraygsaa acaaaccass otgaagssay tiasottigg aaaaaggatt ggtagstott gatooggoaa acaaaccass otgaagssay tiasottigg aaaaaggatat	
ctgaagccay ttaccttogg aaadagagtt ggtagotto gat geogragaaa aaaaggatat getggtagey gtggtttott tgtttgcaag cagcayatta egeogragaaa aaactcacgt	7560
detagtages stigettitt telligiate sages added and an additional candagas of titigatitt titotages added and totagas added and titiaaattaa	7620
caagaagato ottigatott titoladgygg totgabgaba mytyl taagggatit iggicatgag attatoaaaa aggatottoa ootagatoot ittiaaattaa taagggatit iggicatgag attatoaata targagtaaa ottiggiotga cagitacoaa	
taagggattt tggtbatgag attatbaaad aggubbibba attggtbtga bagttabbaa aaatgaagtt ttaaatbaat otaaagtata tatgagtaaa ottggtbbatb batagttgbb	7749
apatgaagtt ttaaatoaat otaaagtala laigagtada telgitoato oatagttgoo tgottaatoa gtgaggoado tatotdaggg atotgootat ttogttoato oatagttgoo tgottaatoa gtgaggoado tatotdagga anggaggot taboatotgg ooboagtgot	7900
typettaatha gtgaggease taterbaysy acceptated tareatotyg coocaqtyct tyaetbooog tegtgtagat aaetabgata bygggaggget tareagbaat aaabbaybba tyaetbooog tegtgtagat aaabbaybba	7961
tyactoccog togtgtagat addiasyala byggggggot tatcagtaat aaasbagbta gsaatgatac ogogagabbo acgotbacog gotobagatt tatcagtaat aaabbagbba gsaatgatac ogogagabbo acgotbacog gotobagatttat bogbotboot obagtotatt	
graatgatac egegagasse acgersactly godestagas to prostreat characterit googgaagag begagageag aagtigtoot godastttat begastiseat enagteratt googgaagag begagageag at agest to be a standard to be a	798)
gloggaagig begagogdag dajtyglobe goddooloot titgtgbcaa aagoogogoo aaabaagtig cagcaacgga tilgbaaabo tgtcacgoot tittgtgbcaa aagoogogoo	8040
aaabaagtig dagdaacgga telgiaaabo igoddagboo iib ji ji aagatitegg tgatebbiga aggttigoja teogotgtgo daggigtiag gogteatatg aagatitegg tgatebbiga aggttigoja teogotgtgo daggigtiag gogteatatg attogtgaag tgitogatgt	© 1 tm //
aggittigoja teogetigigo dajgogolag gogolagada attituati gittigitgaag tigittejatigit geagginggeg gaaacattigg atgetgagaa esattituati gittigitgaag tigittejatigit geagginggeg gaaacattigg atgetgagaaga esattituati gittigitgaag tigittejatigit	8170 5580
geaggiggeg gaascattgg atgelgagaa baddelade gtgagseest accigsaagga geacctatee gaccaagget tigaactate tackagaagt gtgagseest teategassa	9160 9160
geacetatee gaccaagget tigadetale blookgange group at teategacta tractaget tractaget tractages tategacy early actages gatedages tractages are garategacy gatedages charces are specifically actaged gatedages tractages gatedages are garategacy gatedages.	<u> </u>
ttacatotog gatgatgact otgatgadya sebigoidgo sabas si tatojaasa agagottgio gagaagattg aactbaacto aacatgyaac gatotaycot otatojaasa agagottgio gagaagattga	#2.E.)
agagottgio gggaagattg aachlaacto adoleggado yn acagtotca togaattigo cattgttgig togoacacgo accqaggoaa aggagtogog cacagtotca togaattigo	£ 3 4)
cattgttgtgtg tegeacaege accyaygeda ayyayeegey tagagacae aaaegaacaa gaaaaagtyg geactaagea gacageteet tggcataega ttagagacae ttgacetgtt	7410
gaaaaagtig goactaagba gacagacaata tagatttast stoogoggoa ttgacctgtt	8460
tgtacetgee tgeaattige alguaaaaag legameell atgtaciggt actggttote	£ 5.00
pangtataaa antagacott aaguotgaa bgaaqooqan aogusttogo ggogoggott	± ₹ ₹ 0
pangtataaa antagadotti adgunoonga ogdunoogan accigettege ggegeggett gggageacag gatgadgett accidenteat teaaggegga accigettege ggegeggett	8640
gggagoacag gatgaogoot aadaattoat buddgoogoo gaagtatoga otoaactato aattoaggag ttaaacatoa tgagggaago ggtgatogoo gaagtatoga otoaactato	

۷.5	
	- • •
	13
 agaggtagtt ggogtoatog ägogodatot ogdabogadg vij. 33 vijgttaoggt 8 oggotoogga gtggatggog gootgaagod abwoagtgat attgatttgo tggttaoggt 6 oggotoogga gtggatggog gootgaagod agutttgato aacgabottt tggaaactto 6 	111
- oggotbogda guggatgada daadgoggog agottttgato aadgaddtit tggaaactto - 8 - gaddgtaagg ottgatgada daadgoggog agottttgato aadgaddtit tggaaactto - 8	: : : : : : : : : : : : : : : : : : :
gabogtaagg ottgatgaaa daadgoggo ayroorgaa to s gabttoocot ggagagagog agattotoog ogotgtagaa gtoaccattg tigtgoacga 8 ggottoocot ggagagagog agattotoog ogotgaactd caattiggag aatggoagog 8	74 Č
ggottoppot gyagagagog agailouddy ogyngaabtg baatttggag aatggbagog a ggabatbatt bogtggogtt atopagotaa gbybgaabtg baatttggag aatggbagog a ggabatbatt gagotatott a	140 1100
ogadatdatt dogtggogtt atodagodda gogogogato gadattgato tggotatott s caatgadatt ottgdaggta tottogagdd agddaogato gadattgato tggotatott s	
- caargacatt corguaggua colongagad conggradat coaggagagg aggaactatt -	0
gotgasaaaa gsaagagaad alaguggotgo oo ga saag gaaasottaa ogotatggaa 🥞	+1.00
tgatooggtt potgaabayy abbractury gargarinagh obtacctnot coogdatitig is	91 1 0
- otogoogood gaotggguug gugaugagug dalaalaan annannaan agadaatgga - 3	9.1.40
gtacagogoa gtaacoggoa aaatogogog gaaggatyot agoaggott atottqqaca	9310
gtabagogoa gtaaboggoa aaatogogoo gaaggatgoo googootgoog atottggaba gogootgoog goobagtato agoobgtbat acttgaagot aggbaggott atottggaba gogootgoog goobagtato agoobgtba acttggaagaa tttgttbabt abgtgaaagg	9371
gogootgoog goodagtato agdooglood actogaagta hybridged acgtgaaagg agaagatogo ttggootogo gogoogataata gttgqaagaa tttgttcact acgtgaaagg agaagacgott	9:11
agaagatogo tiggootogo gogoagatoa gelggadaat ogitoaagoo gaogoogott ogagatoaco aaggiagiog goaaataatg totaabaatt ogitoaagoo gaogoogott ogagatoaco aaggiagiog accigitgaa	94::
ogagatoaco aaggtagtog godaacaacg toodigaaag actatgojog atotqttgaa ogoggogogg ottaactoaa gogttagaga atogjggaag acattgotg acctgocaat	9543
egeggegegg ettaactoaa gegetagaga geeggaggeag geactigetg accidecaat ggiggtieta ageotegiae tigegatgge alogjiggeag geactigetg accidecaat	G (* 11.7)
ggtggttota agootogtad tegegadyge undgyspyrry coatocaact acgacattto tgttttagtg gatgaagoto gtcttoocta tgactactoc coatocaact actacpacaa	9 . 9
tgttttagtg gatgaagsto guduudoota taagabaat agtocatbaa attacqacaa tocaagbaac tacgabaac coataagcaa tiacgabaat agtocatbaa attacqababa	an I
tocaagcaad tacgacaadt ddataaydaa tilagabad iy ototgagago aactacgata atagttoato daattacgad aatagtogoa acggaaatog ototgagago aactacgata ataggtotac cantilogoo ggotactacy toattgocaa	=
etetgagage aactaegata alagticate ourceasgae ggetactaeg teattgecaa taggettata tatagegeaa atgggteteg caetareagag atgttetaea eecaaaagg	
taggettata tatagegeaa atqqquetey caettiyyo yy caatgggaca aegaaettet titteeaeate tqqeaaaagg atgitetaca eeccaaaagg caatgggaca aegaaettet titteeaeatag gagettetge qqqqeattqq tegteataaa	9:4)
caatgggaca acgaasttot titedalate tygeladady mry ggggegegge gtotatggeg gcaaagatgg gagettotge ggggsattgg togteataaa ggggegegge gtotatggeg gcaaagatga cygeotgaag ateatgtato taagsaasta	9911
gggggggggg gtotatgggg gdaaalatag ggggtt mag atoatgtato taaggaasta	9967
ggggegegge gtetatgeeg geaadjatgy gdyctibege jyyy tggeeaattt tegettgeee tgaeagataa eggeetgaag ateatgtatb taaguaaeta tggeeaattt tegettgeee tgaeagatt ggetgebatt tttggggtga ggeegitege 1	0.12.
tggccaattt tegettgeed tgaeagataa eggetgebatt tttggggtga ggcogttege 1 gootgetete taataaaatg ttaggagetg ggctgebatt tttgggggtga ggcogttege 1	0030
gootgototo taataaaatg ttaggagott gadgoodog ttagogagoo gggagagtto 1 ggoogagggg ogoagoodot ggqaggatag gaagtoacgo gobaaggacgo agoodagtt 1	2140
ggoogagggg ogcasocoot gyggggacgg gaggacagg gcaaggacge agcostggtt 1 gagaaggggg ggoasocoot ttoggogtgo gagacattaa aagacatgtt agcggtggoo 1	.1200
gagaaggggg ggcarbeech todagggggg gbgggggttaa aagabaggtt ageggttgee 1 aaaaabaagg titataaata tiggttaaa ageaggttaa aagabaggtt agegootbaaa 1	3060
aaaaaaaagg tttataaata ttyytttaaa ayaayyedda bay gaaaaacggg cggaaaccot tgdaaatgot ggattittotg cotgtggaca gccoobbaaa 1 gaaaaacggg cggaaaccot tgdaaatgot ggattittotg cotgtggaca aggatogogc 1	.0320
gaaaaacggg cggaaaccot tgudaacgut ggunteroog brog gagggtua aggatugugc 1 tgtcaatagg tgcgccootc atutgtcagc actotgcccc tcaagtgtca aggatugugc 1	.0350
tgtcaatagg tgegecoote atstgtcage alletquess some granggeae tratesesag 1 cocteatetg teagtagteg egaptetega granaateag gegttttege egatttgega 1	10440
decteatetg teagraging egiscertaa grytedasia ny sistema egattitise egattijisga i gettigtesae ateatetgig ggaaaetege gtaaaateag gegittitiege egattijisga i gettigtesae ateatetgig ggaaaetege gtaaaateag gegittitisge egattijisga i	10500
gettgtebac atcatetgtg ggaaactege geadding seine gesteatetg teaacgeege (ggotggebag etebacgteg coggeegaaa togageetge besteatetg teaacgeege (ggotggebag etebacgteg coggeegaaa togageetge batetgtbag tgagggebaa (10560 10560
ggotggobag otobacgung coggobada togagobado batotgtbag tgagggobaa (gbogggungag toggobooto aagtgudaad gubbgbbbbb batotgtbag tgagggobad (19620 19620
googggtgag toggcootto aagugteaat googggog googgoog gtgtotogca cacggottog (gtttuoogog aggtatocac aabgooggog googgcogo cadoocagog gogagggbaa)	
gttttboggg aggtatosad adbytbyydd gbbyysbydd oagoscagog gogagggcaa acggegttto tggogogttt goagggcaat agasggbogo dagoscagog gogagggbaa acggegttto tggogogttt goagggcaa arbthotgo gttogdatat totogtggag	10680
acggegttte tggegegttt geagggtegae atsitistige gtteggatat tittegtggag coagecoggt gagegtegga aagggtegae atsitistige gtteggatat tittegtggag coagecoggt gagegtegae aaggggag amstargaab tegegesaga teatrotigtg	10747
ccagocoggt gaguquogga aagggungag amagaab todogcuaga toatiotigtg	11640
troccycoac agaseeggat cyaaggegaag dangt nagen daaadagega caagsagate	10860
acggaactit ggcgcgtgat gactygctag garantest fit cggcgctgcg etacitcogc	10920
acgattttog acagogtogg atttgcgate gaggattate oggatige cocagacgag	10980
acgattttog acagogtogg attiguate gaggatorat typis accagacgag gacogogtig agggatoaag coacagogge cathagach tocaacgtt gggtggtiga	11040
gacogogitig agggaticaag doacaydayo daabiiyadd daabiiyadd gacogogiti gggtggtiga ccaagggatic tittiggaat gotgotoigt ogtraggett toogacgitii gggtggtiga ccaagggatic tittiggaat gotgogagg agtogogagg ggaaccotgt ggttggcatg	11100
ccaagegate tittiggaat detgetolge ogtoblyges till ggaadeetgt ggtiggeatg acagaagtea tiatigtaeg gaatgebage attendenging ggaadeetgt ggtiggeatg	11160
acagaagtsa ttatigtacg gaatquuags adimissaga agaitaaatate ogittattota cacatacaaa tggalgaacg gaataaacstt ttoacgood tttaaaatate ogittattota	11220
cacatacaaa tagaagaacg gataaacutt nedagadoo binnaaaca atgatagttt ataaaacgoto tottototta gotttacceg coaatatato otgtoaaaca atgatagttt ataaacgoto tottototta gottacceg atgagagaag aattaacgga gtoacgttat	11180
ataaabgoto tottototta jagutuadida oo afaajagaa aattaagaga gtoacgotat aaactgaaga ogggaaabga baattagato atgagogaga aattaagaga gtoacgotat tottoogaaga ogggaaabg	11340
aaactgaagg cyggaaacga saatstgato atgaysgag dabbi yy aastgasag aassgsaasg gacccoogso gatgacgagg gacaagssgt titasgtttg gaastgasag aassgsaats	11450
gacccoogso gatjacqogg jacdagusyo iitusgeedg yar attgaaggag coastcagso ocaatasgsa aaccgcotot cubogsgsgt tggcogatto attgaaggag coastcagso scaatasgsa actggaaagg gggcastgag cgcaasgsaa	11460
attgaaggag ccastcagsc scaatalysa addogradout anasttgag cgsaasgcaa attaatgcag ctgssacgac aggtttsssacg actggaaagc gygsagttgag cttssygctc	1152.
	11880
ttaatgtgag ttagotoact sattaggtad induggood and gaaacago tatgassatg gtatgttgtg tggaattytg agoggataac aatttcacac aggaaacago tatgassatg	
gtatuttete tegaattute ajegataat aattattea estateeato caasuuutte attaceecaa estattaae tosassaaa eestateeaa eestateesa attaceaatassa atoosasaaa	11643
attacgocaa gotatttägg tjacastat gadrata attacsa atcocacaa ggagototoo catatogaco tjosagoggo ogotojacga attaattoca atcocacaaa ggagototoo catatogaco tjosagoggo ogotojacga atcoggtatt caacacecto	11700
ggagetetee catalogaee tijdagityye (mindadaga ateiggetatt baababbete aatebyaget taacagbaca gttueteete toagagbaga ateiggetatt baababbete aatebyaget taacagbaca gactyyygtt	11761
aatotgagot taacaguada gilgosooto lagaaraaga tatatasgat gactggggtt	11421
aatotgagot taacagoaca gttgotooto loagagilga allagat gactggggtt atatcaacta ctacgttgtg tataacqgto cabatgoogg tatatacqat gactggggtt atatcaacta ctacgttgtg tataacqgto cabatgoog gagttgooc caagaaattt gocastatta gtacaaaggo ggcaacaaac ggogttoocg gagttgooc caagaagtoa gcaaacaaac aggttgaact	11:37
gtacaaaggo ggcaacaado ggottotoo gaacaagtoa gcaaaca ac aggttgaact	11941
gtacaaaggo ggcaacaaac ggogtteecy gayerysada tari cagaggcaag agcagcagot gaogogtaca caacaagtoa gcaaacayac aigttgaact cagaggcaag agcagcagot gaogogtaca caacaagtot tootaacgoc ctaacaagco	13110
cagaggeaag ageageaget gaegggtada 011044gett teetaaggee classaagee teatseesaa aggagaaget caasteaage essaggett teetaaggee agtgateeag	11140 11120
toatococaa aggagaagot daableaago daagagooaa aaggoocago agtgatocag caccaaagoa aaaagoocac tggotoacgo taggaaccaa aaggoocago agtgatocag caccaaagoa aaaagoocac tggotoacgo taggaacga ttagaatgga cgatttooto tatotttacg	12120
caccaaagoa aaaagoosad tiggoloadgo taggaloodd arly caccaaagoa aaaaagoosad tiggoloadgo taggaloodd arly caccaaaaga caccaaaga gatotoottt goodligagaa ttacaaatgga cactat gttoaccact gataatgaga	10180
copcaaaaga gatotoottt goodbyyaya tudoudegga fiir atotaggaag gaagttogaa ggtgaaggtg acgacactat gttcaccact gataatgaga atotaggaag gaagttogaa ggtgaaggtg acgacactat gttcaccact gataatgaga	1.240
atotaggaag gaagitogaa ggilgaaggog abgababaa gatggitaga gaggootaog aggitagoot ottoaattto agaaagaatg otgacooada gatggitaga gaggootaog	12300
aggitagoot officaattto agaaagaacy cogacoodda gaoss 100000000000000000000000000000000000	

Francisco aspadada 11	360
	.
- poaagaaggt taaagatgoa gtodaaaagal boaygabbaa big - aagabatatt totbaagato agaagtabta ttobagtatg gabgattbaa ggottgotto 12 - aagabatatt totbaagato agaagtabta tropagaaaaa ggtagttoot abtgaatbta 12	: 30
- aagadatátt totbaagato agaagiadua loodagaada ggtagttoot abtgaatota 12 - ataaaddaag gdaagtaata gagattggag totbtaaaaaa ggtagttoot abtgaatota 12	540
	, e 0 0
	. ₹ 60
The state of the s	20
- mossion in the figure the areas as a statition of the second of the se	. 20 :180
- Garagas,	. 35 3:40
- Parti a la companya da la companya da manana manana manana manana da manana da manana da manana da manana da	
tipopatoatt gogataaagg dadyjulato ditoddayaaa aagacgttoo aaccaogtot 12 aaagatiggab ooccaoccao gaggagcato giiggaaaaag aagacgttoo aaccaogtot 12	1400
aaagatggas scocasssas gaggagbaso gragadatas aggatgacgo acaatoocas 12 toaaagsaag tggattgatg tgacatotos astgacgtaa gggatgacgo acaatoocas 12	2.460
tcaaagsaag tggattgatg tgadatotoo actgaagttoan ticattigga gaggacacgo 10 tatoottogo aagaccotto ototatataa ggaagttoat ticattigga gaggacacgo 10 tatoottogo aagaccotto ototatataa agaagttoat aaaatdatata aatatcaata 10	3:20
tatoottogo aagaccotto ofduatataa gyaaguteda ootaa aatatcaata 10 togagacaag titigtacaaa aaagotgaac gaqaaacgta aaatgatata aatatcaata 10 togagacaag titigtacaaa caacatatoo 10 togagacaag ciacataata ofdiaaaaca caacatatoo 10 togagacaga ciacataata	3[80
togagasaag titgtaddaa adagoogada gapataata ototaaaaaca caasatatoo 1	3141
	321.
agteactary aateaactae tragaryyla tragaryaeet geageetteea aatgitette 1 caaatgitet tegggigaty etgecaacti agtegacega cageetteea aatgitette 1	316.
- caaatgttst togggtgatg stgoodaatt agsterface reaatgeest attaaateat 1	3310
toaaacqqaa togtogtato cayootatoo gottattot qtqqqaaaaat aaaaacatot 1	3381
aaaaagaast aagaaaaaga ggtgcgagcc torrestage gagaataaa aagaatttca 1	3441
aaaaagaast aagaaaaaga ggigogagee teetettege gry. acctattest atacgetagt gteatagtee tgaaaateat etgeatetaag aacaatttea 1 acctattest atacgetagt teegettest etgeatttie ageetetata 1	3517
acctation atacgothyt gidatagios sydddiod ar egattiic agostotata 1 caastouthi actiticist tacaagisgi teggeticat etggattiis agostotata 1 caastouthi actiticist tacaagisgi teggetigia caastouthi	35/00
caacteutat actiticist tadaaguege unggettede etgenerag actigotigt 1 citactaaaac gigataaagi iteigtaati totactgiat ogaccigoag actigoig 1 citactaaaac gigataaagi actitoogca gaacatoagg itaatgoogt tittigatgio 1	3627
cttactaaac gtgataaagt ttdcgtaact tolacegtad agractiquest ttttgatgto 1 tataagggag cotgacactt atattcccca gaacatcagg ttaatggcyt ttttgatgto 1 tataagggag cotgacactt atattcccca gaacatcagg ttaatggcyt ttttgatgto 1	3680
tataagggag cotgacaitt atattootta gandatadag en	3741
	3861
catatoggtg gtcatcatge gccagacgtge actggccagg gggatcacca tocgtcgccc 1 acgggagact tratotgaca gcagacgtge actggccagg gggatcacca tocgtcgccc 1	3863
acgggagact tratetgaca geagacgage actggeouss sastaacgge totetettt 1 gggegtgtea ataatateae tetgtabate cacaaacaga egataacgge totetettt 1	3920
gggogtytea ataatateae tetytalaate eactadaga garragea aaagageegt 1 ataggtytaa acettaaact geatteace agtocotyte etoyteaya aaagageeyt 1	.002 .3980
ataggtytaa accttaaact geatttaace agrossiyst target trocageytt 1 teatttaaat aaaceggyeg acctcageea teetteetg atttteeget trocageytt 1	. 3 2 4 0 . 4 0 4 0
teattteaat aaaeegggeg aeeteagiea tesetesiig alti- eggeaegeag aegaeggget teattetgea tggttgtget tabbagabeg gagatattga 1 eggeaegeag aegaeggget teattetgea tggtgetgtea aetgteactg taataegetg 1	.410)
eggeacycag acgaeggist toattoryta eggetytea actyteasty taatacysty 1 cateatatat gesttyagasa astgataget gtegetytea actyteasty taatacysty 1	
catbatatat goottigajisa abugatagut geografiya agatbaabgi eteattitog 1 ettoatagea easetottit tjacatabti egigtagitje egateaabgi eteattitoge 1	[4160
	14020
	14050
	14340
	14411
trgrgtttta cagtattarg tagtorgett treatage aaagtggtot cgaggaatto atttatatoa trttacqtrt otogitrago titottgtac aaagtggtot cgaggaatto	14449
	14520
ggtaccaact gtaaggaaat aattatette teteedda daga gatgttaatt agtatgatta taataatata gttgttataa ttgtgaaaaa ataatttata gatgttaatt agtatgatta taataatata gttgtaaagaaa tatgacaagt gatgtgtaag	14550
gatgttaatt agtatgatta taataatata getgeteen hatgacaagt gatgtgtaag	14640
gatgttaatt agtatgatta taataatata getgetataa 1999 gatgtgtaag aatatattgt ttacataaac aacatagtaa tgtaaaaaaa tatgacaagt gatgtgtaag aatatattgt ttacataaac aacatagtaa atgtatttta atgacatttga togacatgt	14700
	14760
	14820
tgaattasat atcaatgata aaatagtata gradattat gradaggatt actaaatatt	14880
taittittita tgattautag titattatad aastadadad tidatata attratcaat	14340
taittittita tgattautag titalialad aditududud titgettigta attitateaat tragtitaaa agittaanaaa taittigita gaaattooaa totgottigta attitateaat tragantaat agaaacagta	15000
	15060
aaacaaaata ttaaataaca agottaaayta abaddaadaa agogbaagat otatoattitt atotaatgta acaaaabata atotaatgot aatataabaa agogbaagat otatoattitat	15120
	15180
	15240
taacttotaa afggattgac tattaallaa algatottac atttggattg attacagtta aacatgatag atcatgtcat tggatcatca ttgatcatag attacagtta	15300
	15360
ctracettaa gettgjatie tetagastae tilgeadag etagastaata aaatgatata aatatraata tattaaatta gattitgeat aaaaaataga etacataata aaatgatata aatatraata tattaaatta aatgaactae tragatiggta ttagtgaeet	15400
	16497
	16540
	18610
ggaagatoac ttogcagaat aadtadatoo tygggetooo y y y y ggaagatoac ttogcagaat gagacgttga toggatttoa saastittat actitistot ggocaacttt tggogaaaat gagacgttga acgostotata ittactaaac gtgataaagt	15/63
	16700
tacaagtogt toggottdat obggottda agdotogtg tataagggag ootgacattt tooggaatt totactgtat oggottgcag actggottgtg tataagggag ootgacattt	1578)
	15 640
atattococa gaacatdagg ttaattyggg tuttigatygg catatoggtg gtcatcatgo cagosactto ttococgata acggagacog goacactggo catatoggtg gtcatcatgo cagosactto ttococgata acggagacog ggaaaagtto acgggagact ttatotgaca	15910
	18360
gocagotitic atopocogata iguaduados ggitudagos igggogigica ataatatbab goagaogigo aciggocagg gggatbabba toogitogooo gggogigica ataatatbab	11200

```
totgtabato papaaapäga ogataapggo totototttt ataggtgtaa apottaaast
gratitoado agroporgit ofogroagoa aaagagoogi toatitoaat aaacogggog
andtoagooa tooottootg attitoogot ttooagogit oggoacgoag acgaegggot
thattotgoa tygttgtgot tabbagabog gagatáttga bátbatátat gbóttgágba
autgatagot giógolgica actgióació faátacgolg citoatagoa óacciótíci
twabataott otgétottga tgoágatgat titoaggact atgacactag ogtatatgaa
taggragang trintatorit gioadadaa aaagaggoto goacctotti tiottatito
trittatgat ttaataegge attgaggaea atagegagta ggetggatae gaegatteeg
tutgagaaga acatttggaa ggotgloggt ogastaagtt ggoagsatca oocgaagaas
attiggaagg stgtoggtog ástassaggto astaatassa tistaagtagt tgaitsatag
tgaotggata tgttgtgttt tacagtatta tgtagtotgt tttttåtgca aaatotaatt
täatatattg atatttätat pattitapgt tiptögttöa getttttigt acaaaettgt
                                                                   16740
stagagtost getttaatga gatatgegag aegestatga tegeatgata tittgetttea
                                                                   16800
attotgttgt geaegttgta aaaaaectga geatgtgtag eteagateet tacegeeggt
ttoggiteat totaatgaat atatoaccog ttactatogi attituatga ataaiatiet
                                                                   16860
cogificaatt tactgaitgt accotactai ttatatgtác aatattaaáa tgaaaacaat 1690.
atattgtgct gaataggttt atagogacat ctatgataga gogocacaat aacaaacaat 16993
tgogttttat tattacaaat ocaattttaa aaaaagoggo agaacoggto aaacotaaaa
gactgattac ataaatotta ttoaaattt: aaaaaggooos aggggotagt atotacgaca
caccgagogg cgaactaata acgttcactg aagggaacto cggttcoccg coggogogoa
toggtgagat tösttgaagt tgagtattgj segtsogets tasegaaagt taseggease
                                                                    17230
                                                                    17250
attoaacceg gtocageacg geggeogggt aaccgaettg etgeeoogag aartatgeag
cattttttttg gtgtatgtgg gccccaaatg aagtgcaggt caaacsttga cagtgacgac 17340
asatogtigg gogggtocag ggogaattit gogacaacat gtogaggoto agcaggacot 17400
 graggicatgs aagetagett actagtgatg catattetat agtgtsaset aaatstgs
 < 110: 26</pre>
 ·:11: 17681
 .1120 ENA
 .113 · Artificial sequence
 4.22C ·
 + 223 + acceptor vector pHELLSGATE12
 -(4))> 26
 gypogadta gtgatatede geggedatgg eggedgagag datgegaegt egggedbaat
 sognoctata gtgagtegta ttacaattba stggeegteg ttttabaaeg togtgabtgg
 gaaaacostg gogttassea acttaatege stigeageae atcossetti egesageigg
                                                                        150
 igtaatagog aagaggeeeg caccgatege eetteebaac agttgegeag eetgaatgge
                                                                        240
 paatygaaat tgtaaacgtt aatgggttto tggaytttaa tgagstaago acatacytoa
                                                                       300
 pada scatta tigogogito addagtogos tadggitodot afoagotago adatatitot
                                                                        360
 igtraaaaat gotobabtga ogttooataa attoocotog gtatobaatt agagtotoat
                                                                        4.35
 attractore aatcraaata atotgoaatg graattacet tatrograac ttotttacet
                                                                        460
  atttoogood ggatoogggo aggttotoog googottggg tggagaggot attoggotat
                                                                        540
  pactgggsas aacagasaat eggetgetet gatgesgeeg tgtteegget gteagsgeag
 gggcgcccgg ttotitttgt caagaccgac stgtccggtg costgaatga actgcaggac
                                                                        660
  gaggoagoge ggetatogtg getggobacg acgggogtte ettgogoage tgtgotegae
                                                                        727
  ottotoactg aageoggaag ggactggetg stattgggeg aagtgeeggg geagjatets
  ctdicatete aesttgetee tgecgagaaa gtateeatea tggetgatge aatgeggegg
  ctgnatacge ttgateogge tacctgocca ttcgaccacc aagegaaaca togoategag
  ngagcacgta otoggatgga agooggtott gtogatoagg atgatotgga ogaagagcat
  raggggeteg egecageega actgitegee aggeteaagg egegeatgee egaeggegag
                                                                       102
  gatotogtog tgaccoatgg ogatgootgo ttgoogaata toatggtgga aaatggoogo
  ttttctggat toatogacig tggooggotg ggtgtggogg accgotatoa ggacatagog
  ttggstadde gtgatattge tgaagagett ggeggegaat gggetgaeeg etteetegtg
  otttacggta tegeogetée egattegeag égeategeet tétatégeet tettgacgag
  ttottotgag ogggaototg gggttogaaa tgaccgacca agogacgocc aacctgccat
  pacgagaitt ogaitecaco googoottot atgaaaggtt gggottogga ategtittee
  gggaogoogg siggatgato StoSagogog gggatotoat gotggagtto ttogoosacs
```

ocgatocaac actiacgitt gcaacgicca agagcaaata gaccacgaac gccggaaggi

45	
and account to	1560
tgoogoagog tgtggattgo gtotoaatto totottgoag gaatgoaatg atgaatatga tgoogoagog tgtggattgo gtotoaatto totottgoag gaatgoaatg atgaatata	1620
tgoogoagog tgtggattgo gtotbaabtb bobbbgdag gribbahotbata abgtgbatba tabtgabtat gaaabtttga gggaatabtg botagbabbg tbahotbata abgtgbatba tabtgabtat gaaabtttga gggaatabtg botagbabbg bahtatgbt bgttggagga	1680
taotgastat gaaastitiga gggaatasig solagsatog solaysatog solatiatgot ogtitggagga tgsatgosot gasaasatgg aasatogota tittitotgaa gaattatgot ogtitggagga tgsatgosot gasaasatgg aasatogota tittitotgaa gaattatgot ogtitggagga	
typatyddal Jaladaa yy ddaddayn ogaaraf ogaactacad otowogdaty cattoatdaa	- 70
tgcargodot gadaadatgg aadatugusa booloosgaa gat gaattoatoaa tgtogoggda attgcagota tigccaalat ogaactacco otoucgcatg cattoatoaa tattattoat goggggaaag gcaagatlaa tobaactggo aaarcatoca gogtgattgg tattattoat goggggaaag gcaagatlaa	1800
- tattattoost goggggadd y y dagyd y da bortoneson can yrhitoa ataaggadga	1860
taadttoagt todagogad- vya-boyatt taataraget baaadatttg goaataaagt	1920
datuqtgag taaagaagga gigogiu)aa guagauggu oonni hararaati totqiiqaat	1980
gatggtggag taaagaagga gtgdgtdjaa gtagatogtt toatataatt totgttgaat ttottaagat tgaatootgt tgooggtott gogatgatta toatataatt totgttgaat ttottaagat tgaatootgt tgooggtottt	2040
tiottaagat tgaatootgt tgooggeplo gegatgapet tatttatgag atgggttttt taogttaage atgtaataat taabatgtaa tgoatgapgt tatttatgag atgggttttt taogttaage atgtaataat taabatgtaa taogogatag aaaabaaaat atagogogoa	2100
taggttaago atgtaataat taadacgiaa taggggatag aaaacaaaat atagogogoa atgattagag tooogoaatt atabatttaa taggggatag aaaacaaaat atagogogoa atgattagag tooogoaatt agaggtoroa totatgttao tagatogaat taattooagg	2160
atgattagag tocogcaatt atacatttaa tacgogateag admin aactaggata aattatogog ogoggtgtoa totatgttac tagatogaat taattocagg aactaggata aattatogog ogoggtgtoa cactggtgaa aagaaaaacc accocagtac	2220
aadtaggata aattatogog ogoggigida iddatgadda aagaaaaadd addocagtad aggigaaggg caatcagotg tigooogtot oactggigaa aagaaaaadd addocagtad aggigaaggg caatcagotg tigooogtot oactggigaa aagaaaaadd iddacbacaada	2230
aggtgaaggg caatcagotg tigodegild daorggoga and acaatcagot tacaccacaa attaaaaaag toogbaatgt gitattaagt tgtotaagog toaattigit tacaccacaa attaaaaaag toogbaatgi gitattaagt cooggagogg agctoggoac aaaatbacca	2340
attaaaaaag toogsaatgt gitattaagg tyeotaaggg agetoggoad aaaatbacda tatatootgo caocagooag coaacagoto coogaooggo agetoggoad aaaatbacda tatatootgo caocagooag coaacagoog ggogtoagog ggagagoogt totaaggogg	24:
tatatootgo caocagocag coaadagoto coegaboggo agrings otogatacag goagocoato agtoogggao ggogtoagog ggagagoogt totaággogg otogatacag goagocoato agtoogggat ggagagaaggg caactaagot googggtttg	24/1
ctopatacag goagocoato agrooggyao ggogotagos go y y considerado googggtttg cagactitgo toatgttaco gatgotatto ggaagaacgg caactaagot googggtttg cagactitgo toatgttaco gatgotagoat grigatigta accatgacag agogitgotg	2523
cagactitigo toatgitado gatgotatto gadaganaass aaadaoggat gatetogogg agggtagoat gitgattigta acqatgadag agogitgotg aaadaoggat gatetogogg agggtagoara gategogaatt atdagootto tiattoatit	202 -
aaacacggat gallityggga anggaraga gatoogaatt atcagootto ttattcattt	25.0
aaacacggat gatetegogg agggtagede gergategen atcageette tiatteatit eetgtgatea aatateatet eestegeaga gateegaatt atcageette tiatteatit eetgtgatea egtgacagge tgtegatett gagaactatg eegacataat aggaaatege etegettaae egtgacagge geratitett tagaagtgaa egttgacgat	2641
ctogettaab egtqabagga tgttqattet qaqadetatg tggataaaqo egotqagqaa gotqagtggo gotattitett taqaagtgaa eqttqabgat tggataaaqo egotqagqaa gotqaqot gottegggot battataqog atttittopq	7, 7, 7,
tggataaaqo ogottaagqaa gottaay.ggo gottonggot carraragod alttitttoqq	2006
tggataaaqo ogotqagqaa gotqaqqqqo qotaciteee dagaaq gtoqaoggat ottitooqot goataacoot gottoqqqqt cattataqog atttittoqq gtoqaoggat ottitooqot goataacoot gottoqqqa aaqqqttoqt qtagaoitto	2#11
gtogacygat officogot godiaakoot godiacyggs aagggttogt gtagacitto tatatocato officiaca ogaiatacag gatittgoda aagggttogt gtagacitto	2335
tatatopato ottititogoa ogatatabag gattergob bijos opogragagog ottiggtigtat obaabggogt bageogragoa ggatargtiga agtragoabggg aatobtgoto	2940
ettagtigtat coalanggogt dageograpica ggundagage as sold attentione ggtgitteett ettoactyte ectuatione acettagegg geograpica eagatyaag caaqeqqaty getgatyaaa	3000
ggtqttbott oftlactift octiatilige actiques garagagg caagoggatg gotgatgaaa tgogaggotg googgetabo googgetabat tabtgattta gtitatgatg gtgtttttga	3060
tgogaggong googgonace googgognad tagangagga tangang gigthittiga coaagocaac caggggigat gotgocaact tactgattia gigtatgatg gigthittiga	3120
coalgocaac cagligtiat gotificador tadigation gircagotac tigacyjągty ggtgotocag tggottotgt trotatiago tgtocatoot gircagotac tigacyjągty	3180
ggtgotocag tggtttctgt ttotatbage tgeodrado gtrogetotoa ctgoogtaaa gtgogtaabg gcaaaagtab cgooggacat cagogotato totgatotoa ctgoogtaaa gtgogtaabg gcaaaagtab ttotgaaggog gtacgcacca gaaaatcatt	3240
gtgogtaabg goaaaagtab ogboggadat cagogbaboo dobg abatggbaab tgoagttbab ttarabbgot totbaabbog gtabogbabba gaaaatbatt abatggbaab tgoagttbab ttarabbgogg gbabogbbo goattatggg cyttggbotb	3300
acatggcase tgeagtteas transcript coordinates generally general galactggcase tgaatggcgt tggatgccgg gcaacagcoc gcattatggg cyttggccto galactggcas tgaatggcast capacagcag groups at a coordinate coordinat	3360
gatatggoda tgaatggogt tggatglogg goddolgado ggtaacobog ogcatacago aacacgattt tacgtoactt aaaaaaotca ggcogcagto ggtaacobog ogcatacago aacacgattt tacgtoactt aaaaaaotca ggcogcagto ggtaacobog ogcatacago	
aababqatti tabiitaatti aadaaditta gyoogaayab garaa gibgggotat gibgggota ogggoagtiga ogtoatogto tgoqoggaaa tgyabqaaaa gibgggotat gibgggota	3480
egggsagtga egtsategte tgegeggaaa egggsgastet eeggaagaeg gttgttgegs aatogegssa gegetggetg tittasgegt atgasagtet tatgaseetg sigitaseest	3540 3540
aatogogosa gogotigotig tittalijegt algasagest tatgagostig stigtbasoot acgtattogg tigaacgoact atgacgarage tigaggogotig tatgagostig stigtbasoot acgtattogg tigaacgoact acgaatagat agasticata tigaatooogo otgaacgigaa	
acguaturgg tgaacgcact atgacgatyc tygggagrad tany acguatogac ctgaagggaa ttgaagtggt gatatggatg acguatgget ggccgctgta tgaatcccgc ctgaagggaa ttgacgtggt gatatggatg acguatotga	3630
titgacgtogt gatatggatg acgoatggat ggotgolget ggaatataa citgaatetga agetgeacgt aateagraag egatataage agetgeacgt etcaaaateg gtggagetge	3 6 6 1 2 = 1 0
agetgeacyt aatodylaag eggageaart egetgoedtt etcaaaateg gtggagetge	3720
agetgeacht aateagraag egatatabye agetgeegt etraaaateg gtgeagetge ggeageacht ggeacggetg ggacgeaagt egotgeegt etraaaateg gtgeagetatta atgacaaagt eateggeeat tatotgaaca taaaacacta teaataagtt ggagtoatta atgacaaagt eateggeeat tatotgaaca ggtgtaetge ottecagaeg aacgaagage	3750
atgacaaagt catoggocat tatorqaata laadababa ootacagacg aacqaagago cocaaccagg aagggoagec cacotateaa ggtgtactgo ottocagacg aacqaagago	3840
decaaceagg aaggesagee cactiateat aggestates rectaectus typecategg	3900
gattgaggaa aaggoggogg oggooggaat gagottgoog gtoogogago togoooggat boagggastac aaaatcaogg gogtogtgga otatgagcac gtoogogago togooogga	3960
beaugigotae aaaatbabgg gegeegligga blacqaaacte tegeteaceg aegaeeegeg baatggeegae etgggeegee teggegeegligga blacqaaacte tegeteaceg aegaeeegeg	4020
paatgaaga otgagoogoo tagagogoo ogootgota garaataa baagagaagaa	4080
paatgabgas stiggsags tiggabyaset goldaarii jaagadata aagagaagsa bacqqoagg tibuqqtaatq coabaataat qatbaagsag agagaaqaa batqaatiit	4145
ggacgagett ggsaaggtda ugasaga gaatgebaa gaaggteese atgegeteea	4200
thagocypta assignoug gddingings yarrang pasgartor astachaaqt	4260
tragocypta adapggpogg gggglygggg padcagbad group datappagg gagotygtat togtgdaggg baagattogg adtappaggt todaggaadag gggattato	4320
toaagaadag ogabttogog qagubggtat bogabttoat toobgataag goggattato abgagaadga oggobagadg gobtabggga bogabttoat tobogataag goggattato	4360
acgagaaqqa oggocajacg goltdagqqa obgabblada golacattgob ocggoqtqag tggacabcaa ggoabcagjo gggtcaaato aggaataagg gbacattgob ocggoqtqag tggacabcaa ggoabcaggo gggtcaaatc aggacgtt tqabbggaag gbatacaggo	4440
toggacabcaa ggbabcagjo jijibaaalo aggadukagg gi toggggcaat cobgbaagga gggtgaatga atoggacgtt tgaboggaag gbatacaggc toggggcaat cobgbaagga gggtgaatga agbagacga agbbgbabcg	4800
toggggdaat odogdaagga gjirjaabga adoggadgdd iy by	45.60
aagaastgat ogacgoggg tittisgoog aggasgote gatggtscag saagstabgg toatgegtge geooggegaa acettssagt ocgtoggete gatggtscag scatoggseg	4620
toatgogtgo geoloogogaa aduttulaye beginggod gi yy acateggoog coateggoog coateggoog coateggoog coateggoog coateggoog	4690
coaagatoga gogogacago gtidaaltyy olosiaddayo il y y y y y y y y y y y y y y y y y y	47.40
cogragagog tropografic croqualugg aggregadada cogooggraga garotigiaa togacaegog aggaactatg acqaccaaga tactgaaaaca cacqaagagag cagatcaagg] = [Š
togacacgog aggaactatg acquectaga agogalanaca caogaagcag cagatcaagg aacaggtoag ogaggocaag caggoopegt tgotgaaaca caogaagcag cagatcaagg aacaggtoag ogaggocaag caggoopega caogatgoga gogatgobaa	4860
aacaggtoag ogaggocaag caqqooqogt tyotgaadaa amay agagatgobaa aaatgoagot ttoottigtto gatattigogo ogtogoogga caogatjoga gogatgobaa aaatgoagot ttoottigtto gatattigogo ogtogoogaagaa	4300
aaatgoagot ttoottigtto gatattijigo ogtgygobyga this sissi ogogaggogo acgacaeggo oogototgoo otyttoaboa ogogagadaaaa gaaaatboby ogogaggogogaagaa aggacatgaa gatoabbta accgyogtog	4950
acgacaegge cogetetgee elytteatea aggacgtgaa gateacstae aceggegteg tgcaaaaacaa ggteattite caegteaaca aggacgtgaa gateacstae aceggegteg	4,550 E 140
tgcaaaacaa ggtcattttc cadgcdada aggadgcgaa gttggagtac gcgaagcgca agctgogggo cgacgatgac gaactggtgt ggcagcaggt gttggagtac gcgaagcgca	. E 40 . F100
agetgeggge egacgatgae gadelygije ggedagdi tigeeaggae etgggetggt edestategg egageegate acetteaegt totaegaget tigeeaggae etgggetgg	5160
coostatogg ogagoogato addetoadgt coddogges follogogoota baggogabgg ogatoaatgg osggtattab abgaaggoog aggaatgoot gtogogoota baggogabgg	2.00
Cad Tommoda Coda American American	

	220
	5280
	5340
	5400
tatoacogao ggooogaogg argurugaan ahaanaanta baanaanaanta sadaaattaa	5460
	5520
	5530
	5640
gggtsaatga ligaddiggdy baargadaan toagaddaaca agogggcach gotogacgca	
gggttaatga ligatoliggig durigoddau ticaggaaca agogggoach gotogaogoa ggggttoago agocagogot tiaotiggoat ticaggaaca agogggoach gotogaogoa	5700
ggggttbago agobagogot toaulygoan biodgggdon babgaabtgb ogataaabag bitgbttbgb tbagtatbgb togggabgba oggbgbgtb tabgaabtgb ogataaabag	5760
ottgöttögö toagtalogd töggtgadga öggöttöga oggöttögag oggödjaogt aggattaaaa tigaoaatig tgattaaggo toagattoga oggottogag oggodjaogt	5820
aggattaaaa tigasaatig igallaaggo coagalloga pyllin ya aggattaaa gotooagaga igitoogggio goaggattio ogogagatoo gatigiooggi gaaggogtio goigaacggi igogagatgo	5830
gbaggattto ogogagatod gallydoggo obegadgaggtto gotgaacggt tgcgayatgo ogtttacgag bacqaggaga aasaagoocat ggaggogtto gotgaacggt tgcgayatgo	
ogtitacgag cachaggaga aanageeeat yyayyayee yerii caaabagga ogtiggcatto ggcqcctaca togacggcga gatcattggg otgtoggtot toaaabagga ogtiggcatto ggcqcataca togacggcga totgtogggc gttttogtgg agcccgaaca	5940
ogtggcatto ggcqcctaca togacggoga gateddoggg gttttogtgg agcccgaaca ggacggcccc aaggacgcto acaaggcgca totgtccggc gttttogtgg agcccgaaca	6010
agacqqccc aagqacgctc acaaggugda reeggloogge growing theregatedt	6C+ 1
ggaoggoods aagaacgots adaaggogda tooggooggttg boggooggtt tattgotogt gogaggooga gggotogoog gtatgotgot goggoggttg boggooggtt tattgotogt	61.1
gegaggeega gggdtegeeg geargetyet gegggate egeatettea teeteggege gatgategte egaragatte eaacegggaat etggtggatg gtetacegee tgeegggegg	61 = 1
gaugatigate to agree the grandingth guttaitting gudtabogod tgeogggogg	
gatgatogto ogavagatto daadgggaad diggggggg gatgatatot ogatatot ggagottgti gittattiog giotacogoo igoogigogg actitaatatt togatagog otgigoagoo gotgatggio gigitoatoi oigoogiici ggiogoggo acgatagogg oigotgagoga oigogggoga attigoggaa oigogggoga	6241
ggtogoggog acgitaggog Cugugoagou getagggot attrooggaa otgogogot	6311
ggtogoggog acgatacgat tgatggoggt cotggggggot atttgoggaa otgogggogt gotaggtage gotaggtog dagogggoot	6361
gotaqqtago cogatacqat tqatqqoqqt ootaqqtoot quoqqoqtoq cadoqqqoot gogoqttqtq gtgitqacac caaacqcaqo qotaqatoot quoqqoqtoq aacctcooqt	5420
ggoggtgttg gtgltgadad laadegrays gdodyntri brondinge aaccicopyt ggogggggg gttlebaigg cetteggaab ogtgitgada gdacttotec tegtiebayt	6491
ggogggggg gttlosalgg tgttoggas ggoggorgga ggaetholge legillesagt geololgele accittaceg coliggeasol ggoggorgga ggaetholge legillesagt agolthagig tilljaleego caalooogal goolasaga accaalgile teggorgga	654D
agotttagtg titjatoogo Caalucigal guuntaaga tidattooga ggatstogga	6 (0 0
	ရှိန်းရှိပါ
gtggstegge etgateggaf eggytetaas etasetesage egggatggeg etaajaagut abbejaasut abayttgttt eetiastgg etteetsage egggatggeg staajaagut	67.10
actograms transfer of the actograms actor and the actograms at the actor	6780
egeateagno getatteege techtegee delgadoog tatocabaga atbaqqqqat eggegagogg tatoagetba etcaaaaggog gaataeggt tatocabaga atbaqqqqaa	ნ 6 4 1
oggogagogg tattagotta Ctdadaygog gtalladgg sanggaanog tagaaaggo	6900
	ရှိရှိနှ <i>ိ</i>
	7020
	7080
ageticoting trends of the state	7140
	7200
	7283
taggtogtto gotocaagot jiggstyligt casgadtaa gabacqactt atogobactg goottatoog gtaactatog bottgagtoo aabooggitaa gabacqactt atogobactg	7520
	7310
ttgaagtggt ggoddacta lygotaladd agaaggetett gateeggeaa acaaatcaco etgaagecag ttasettegg aaaaagagtt ggtagetet gateeggeaa acaaatcaco	7440
ctgaagccag ttaccttcgg addadyaget ggcagcatta cgcgcadaaa aaaaquatat	7500
	7560
	7620
	7680
taagggattt tgjtdatjag attatiaaaa tagggasiis ettggtotga cagttaccaa aaatgaagtt tisaatcaat otaaagtata tatgagtaaa ottggtotga cagttaccaa aaatgaagtt tisaatcaat otaaagtata tatgagtata tiogitcato catagtigoo	
	7740
aaatgaagtt tisaatcaat ciaadjadta latgagtada strigitoato catagtigoo tgettaatoa gijaggouco tatotoagog atotgiotat tiogitoato catagtigot tgactocoog tegigtajat aactaggata egggajggot taccatoigg occoajigot tgactocoog tegigtajat aactaggag getocagat tatoagoaat aaaccagooa	7801
tgactocccg togtgtagat adcudagata agggggggggggttt tatcarcaat aaaggaggga	7960
tgactccccg togtgtagat additalyala ligggwyggat tatcagcaat aaaccagcca gcaatgatac uguggaacc acgctuaccg gctocagatt tatcagcaat caaccagcca gcaatgatac uguggagatca acgctuact gcaacttrat ccgcctocat coagtutatt	7920
	7950
googgaaggg bogagga ttogoaaabo tgtoabgoot tttgtgobaa aagoogogoo aaabaagtgg bagoaabga ttogoaaabo tgtoabgoot aagatttogg tgatobbtga	8640
	8100
goalgtiglog jaaabatigg atgotgagaa boloogaagt itgalgoodt accidaagga	8160
	8225
	8284
	8340
agajettgte gggaagattg adoleeacte ductueggagtejeg bacagtotea togaatttge cattgttgtg tejpacaoge acogagybaa aggagtejeg thagagabac adacyaabaa	
cattgitgitg tegradange adugadynaa dygdgebyyg tiagagadad aaacgaaraa gaaaaagigg geartaagda ganagethet tiggeatanga tiagagadad aaacgaaraa gaaaaagigg geartaagda ganagethet tiggetheagt choggeggda tiganetijti	8 4 0 0
gaaaaagtgg gdaltaagta galaganaata tagatttaat atagaggaa tiqabetgit	8460
	8820
tigtacotizo tigdaatitigi adiguaalatig tiggadanii actiggitatto cacgitataaa actagacuto aagitotogaa ogaaacagog atgitactigit actiggitisto	- E = D
	÷ (4)
	= " []
	E760
	8820
pageteegea giggaiggag goodhaagee dededgishi aaegaeetti iggaaaette gaeegtaagg biigaigaaa caaegeggeg ageiitigate aaegaeetti iggaaaette	

an an accepting that accept	8880
ggottopoot ggagagagog agattotoog ogbigtagaa gtoappatig tigigoapga	5940
ing and the transfer of the decision of the decision of the decision of the contract of the co	9000
- Sydemosder []]adjuagdato_dacattgato_tygoudecou	9160
	9:20
tgatooggit cotgaadagg alddaddaga ggbyddaga gan obogoogood gaelgggolg gogalgagog aaalglagig ollaegilgi coogcallig obogoogood gaelgggolg gogalgagog gaalggaglo goldoogael gggcaalgga	9131
- etegoegoeo gaetgggetg gogalyayoy adalgangan detgeegaet gggeaatgga	9_40
	9300
	9:60
	9420
	9480
- 13 3	9:40
- Principal Commence of the commence of adapting description of the commence o	9400
- Tari	94.50
- This is a second of the seco	ð., <u>T</u> J
ctotgagago aactaogala ataguttato cadutatago ggetaetaeg teatigocaa taggettata tatagegoaa atgqgtoteg caetttogee ggetaetaeg teatigocaa taggettata tatagegoaa atgqgtoteg taggaaaagg atgttetaea coccaaaagg	97 3 3
taggottata tatagogoda auguguttog tagonasag atgrictaca coobaaaagg	9-40
	प्रव
	9961
	10 10 1
	1::::)
	1,140
	11211
	10200
gaaalacggg oggaaagget tgbaaargie ggdeeler) tolaagtgtba aggatbgbge tgteaatagg tgegeebetb atbigtbagb abtotgbbb graagag cgraagggaab ttatbobbag	10320
tgtcaatagg tgcgcccctd atdlgtbago gtgtcaatan cgcagggag ttatoccag	10350
tgtcaatagg tgcgcccctc atbigctags doctors cgcagggcac ttatocccag coctoatotg toagtagtcg cgcocctoaa gtgtcaataa cgcagggcac ttatocccag	10440
	16500
	10560
	10620
	10680
	19740
	10000
	19860
	10920
acgattiting acagogogy attraction of gagget the tageoga recagargage gacogootty agggatease ecacagosys restricted to the tageoga recagargage gacogootty to gaggett tageographical aggregations.	10980
gacogodtty agggatcaag coacagrage restraegett tocgaegttt gggtggttga coaagggato ttittggaat getgetoogt ogtcaegett tocgaegttt gggtggttga	11040
ccaagggato ttittggaat gotgotting tgttaggarg ggaaccotgt ggttaggatg	11105
	11160
	11220
	11280
	11340
	11400
gacccongen gangacycyg gadaayedyd inddayonto conegogogt tgyccyatto attgaaygag coanteagoo chaatanyda aaccgreefot conegogogt tgyccyatto	11460
	11520
	11580
	11640
	11700
ggagetetee catalogaes lysages sales and areggetatt caacacete aatetgaget taacageaca gtigetoote teagageara taratacgat gactegggtt	11760
aatotgagot taacagcala gelgelilla loogatroomi faratagadat gastagggtt	11826
aatotgagot taadagdasa gelgossis lodgangang tatatabgat gabtggggtt atatbaadta staegttgtg tataabggto badatgbgg tatatabgat gabtggggtt	11880
aagacatait totoaagatu ayaagtacta beesagaati gi ja jagttoot astgaatota ataaaccaug gcaagtaata gagattiggag tototaaaaa ggtagttoot astgaatota	12480
ataaaccaug gcaaytaata yayattyyay tototaaaaa is	

	J -			
			075757575	12540
aggocatgoa tggagtotáa gattoaááto	gaggatotaa	cagaactogu		12600
ggogaabagt toatabagag tottttabga		agaagaaaat	ottogtoaac	
333434995	aaaaatgtoa	aagatasagt		12660
	ataatttogg	gaaacctcct	aggattacat	
	acagtagaāā		ctcctacaaa	12 180
		tototgooga	cagtggtccc	12340
tgocatcatt gogataaagg aaaggotato			aaccacgtot	12300
aaaqatggas soosacceas gaggagcato	gtggaaaaag	aagaagaaaa	acaatoccac	12961
	actgacgtaa	gggasgasgs	gaggacacgc	13021
	ggaagttsat	titida uu uugga		13081
aaaaaa +++a+araaa aaadotdaaG	gagaaacgta	-	aatatcaata	13140
tattaaatta gattttgcat aaaaaacaga	ctacataata	otgtaaaaca	caacatatcc	13200
setacacted transforta	ttagtgacct	gtagtcgacc	gacageette	
taggesatti.	adtodacoda	cagoottoca	aatgttotto	13240
- Fortagtota campotacto	actattqtcc	tcaatgccgu	attadattat	1332]
	tattttttgt	gtgacaaaat	aaaaacatct	13350
aaaaagaaat aagaaaaaga ggtgcgagcc	+ annat cat	atmoatmaad.	aacaatttca	13447
acctattoat atacgetagt gleatagtes	Lyadaatcat	ataastttta	ageststata	13500
				13560
	and the late of the			1362
				13651
				13740
				10 1
				136[]
				13867
ataggtgtaa acettaaact geattteace	antenatatt	ntostoasoa	aaagagoogt	13925
ataggtgtaa accttaaact gualecuate	torattorta	affffaadat	ttopagogtt	13930
toatttoaat aaacoggog acctoagooa	tastatas	taccamanio	gagatattga	14641
eggeacgeag acgaegget teattetica	. Ugguuguguu	actataaata	taatabasta	14100
				1416)
				14220
				142-3
	· uu.u.aaaa	- 4046243		14341
	: Idaulautty		,	14400
	:	, addaqcqgc-"		14460
atacaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa		,		14520
	a laladillull	, attautegege		14550
tataaatata ttgtttacat aaacaacata	a dtaatdtaaa	a aaaatatdad	aagtgatgtg	14640
tataaatata tigiiladal adadadada	n geddegeddo Garafathatt	- rrraatgaat	ttdatcgaac	14750
tataastata tigittadat aaadadudd taagasgaag aagataaaag tigagagtaa	gualactace	taatadtaa*	- +ctagetggt	14760
atgtaagatg atatactage attaatatt	. g.t.taacce	n educageda.	a ataaattaaa	14920
	· Ialaulaaa	, acaaaaa		14930
				14940
	r diladada.			15000
	a alleataaa	. aacacacaaa	5 0 0 0 0 0 0 0 0 0	15060
				15124
				15180
				1524
gttgggaags tgggttegaa ategataag	a trazactac	a qttatcatt	a toatoataga	15300
cacacgasat aaagtastca gattatcag	t tagadotat	o ťaatattta	o godataadsa	15360
cacacgasat aaagtastus galla loag	o oratgasaa	c tcaaaaaaa	t aaaaaqaqaa	1542.
atcaattaaa aaatagatca gtttaaaga	a ayassadag	a titarcio	a maagottigga	15450
atcaattaaa adalagatsa giitudaga aagggtoota accaagaaaa tgaaggaga	a addinayaa	a cteassigs	t ataaatatta	15540
TIME A CONTRACT OF A CONTRACT	o alculuada	u quadaaaaa	C 04 3 04 04 04 04	
	C did i alac	a acacagaa	GE 0	
	O 0 a calaba	a countrary	9 4344.5. 55	
	1 848.30004	- 9009990050		
	A 7 31 10 4 4 0 0	0 004440044	0 404-55	
+ ~n+aaaan++ +dacaactC	'! ! st.にはしょししし			
	a arri idida	a dullice	<u> </u>	
	*** (*** 1 1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a uullougeed		
aggitaatgg cgittitigat gudalilla ataacggaga coggoacact ggocatati	.g	a tgggggaga	t ttdatdddd	161-0
ataabggaga duggdadada ggddadad atatgdadba dogggtaaag ticabggga	iy allilairi		, , ,,	

٠.

agggggatca	coatoogtog	seegggegtg	tcaataatat	cactotgtac	atccacaaac	16200
agaogataao	ggatatatat	tttätäggtg	taaacottaa	actgcatttc	accagtocot	10204
gttotogtoa	gjaaaagagi	agiteatite	aataaaccgg	gogācotoag	Joat Soctio	16380
Stgattitos	gotttocago	gttoggcacg	cagacgacgg	gottcattot	geatggttgt	16440
gottaccaga	poggagatat	tgacatcata	tatgoottga	gcaactgata	gotgtogotg	16510
tpääptytpä	ctgtaatacg	otgottoata	goacacotot	ttttgadata	atgittitat	16560
tgatgcagat	gatttttcagg	actatgacac	tagogtatat	gaataggtag	gatttaatac	16620
tttgtcacac	aaaaaagagg	stagaasata	tttttttttat		agaacatttg	16680
ggsattgagg	acaatagoga	gtaggotgga		aacatttgaga aacatttgga	aggetgtegg	16740
gaaggotgto	ggtogaotaa	2 2 2	toaccogaag	tagtgactgg	atatgttgtg	16800
togactacag	gtcactaata	ccatctaagt	agttgattca gcaaaatcta		ttgatattta	16860
ttttacagta	ttatgtagto	tgttttttat	tgtacaaact		cotgotttaa	16920
tatcatttta	egtttetegt	-	atatttgctt	tcaattctgt	tgtgcacgtt	16980
tgagatatgo	gagacgeeta	tgatogoatg tagotoagat	cottaccgcc	ggttteggtt	cattotaatg	17040
	tgagcatgtg	cgtattttta	-	totocgitca	atttactgat	17100
aatatatcac	cogttactat tacttatatg		aaatgaaaac	aatatattgt	gctgaatagg	17160
tgtaccctac	catctatata	agagegeeae	aataacaaac	aattgcgttt	tattattaca	17220
tttatagoga aatocaattt	taaaaaaagc	ggcagaaccg	gtcaaaccta	aaagactgat	tacataaatc	17231
ttattcaaat	ttcaaaaqqc	cccaggggct	agtatotacg	acacaccgag	cggcgaacta	173:1
ataacqttca	ctgaagggaa	atcaggitac	aagaaggaga	gcatgggtga	gatteettga	174)
agttgagtat	tageogteeg	ctctaccgaa	agttacgggc	accattcaac	ccggtccagc	17460
acqqcqqccq	ggtaaccgac	ttgctgccsc	gagaattatg	cagcattttt	ttggtgtatg	17520
tgggccccaa	atqaagtgca	ggtcaaasst	tgacagtgas	-	tgggcgggtc	17580
cagggcgaat	tttgcgacaa		ctcagcagga	sctgcaggca	tgcaagctag	17640
	atgcatatto		cctaaatctg	2		17681